



LAWRENCE
LIVERMORE
NATIONAL
LABORATORY

UCRL-TR-206172

Day 1 DOPPTEX Model Input Files

Kevin T. Foster

August 23, 2004

Disclaimer

This document was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor the University of California nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or the University of California. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or the University of California, and shall not be used for advertising or product endorsement purposes.

This work was performed under the auspices of the U.S. Department of Energy by University of California, Lawrence Livermore National Laboratory under Contract W-7405-Eng-48.

'DIAB TWR' 10.0 193.6 0.9 {86/08/31@15:15:00}

says that the DIAB TWR measurement at 10 meters above the surface was a wind from 193.6 degrees from due North with a speed of 0.9 meters/second, and that this observation was taken over the 15-minute period (known from the station's averaging time given in the stnloc.met file) ending at August 31, 1986 at 15:15 UTC.

***Note that in a few cases "fake" upper air observations have been added to force LLNL's wind model to turn (veer or back) the wind profile with height in the desired manner. These observations (NOT PART OF THE ACTUAL MEASURED DATA) are indicated in the file where the observation time would have been located.

Also note that an "M" may appear at the end of the wind observation line. This can be ignored as it means one of the wind components is missing. However this will also be indicated by a -99999.0 value for the component (as explained above).

adpic.nml:

This file contains the source term information and some turbulence parameterization values of interest. The file is a collection of Fortran namelists. Not all variables will be pertinent for general use. Although the source term can be found from the variables in the adpic_source namelist, for simplicity the source strength for the SF6 gas is given here:

Time Period (UTC) (August 8, 1986) (HH:MM)	Amount SF6 Released (grams/sec)	Height (meters above sfc)
15:00 to 17:00 (2 hours)	5.70	71.0
18:00 to 20:00 (2 hours)	3.23	1.5
21:00 to 23:00 (2 hours)	4.50	71.0

The location of the source is Latitude: 35.2118 degrees North and Longitude: 120.8536 West. This is equivalent to UTM X = 695.368 km and UTM Y = 3898.439 km. There is no significant thermal or momentum component to the release. The source may be approximated by a 1-meter radius sphere.

Other values of potential interest can be found in the adpic_metparams namelist. However many of these parameters were assigned values based on a visual scan of pertinent raw data files, and are open for interpretation. Nevertheless, these are the values used in the past for the LLNL models, and may provide some guidance for use by others:

Surface Roughness Height (SFC_ROUGH_HGT) = 0.5 meters

*Inverse Monin-Obukhov Length (INV_OBUKHOV_LEN_SL or _ML)
in inverse meters.

*Atmospheric Stability Class (STAB_CLASS); 1 through 6 correspond to
Pasquille-Gifford classes A through F

*Mixed Layer Height (ML_HGT) in meters.

Items marked with asterisks (*) are reported for each METDATASET period as given in the observ.met file. For example,

$$\text{ML_HGT} = 20*400.0 \ 16*500.0 \ 12*200.0$$

means that the first 20 METDATASET (15-minute) periods use a mixed layer height of 400 meters, the next 16 periods use 500 meters, and the next 12 periods use a 200 meter height. (The beginning UTC times when each of these values are used are also given by the MET_START_DATE and MET_START_TIME variables in the adpic_metparams namelist. In our example, the first of the 20 400 meter heights is used beginning at 1500 on August 31, the second at 15:15, and so on until the last of the 12 200 meter heights is used beginning at 2:45 on September 1.

If sigma theta (standard deviation of wind direction) data are of use, this data (from the DIAB TWR observation tower) is included at the bottom of the file. The data are given for the two DIAB TWR heights of 10 and 60 meters. Sigma_theta(1,1) lists data for the 10 meter height, and sigma_theta(1,2) lists data for the 60 meter height. Again, each of the 48 values correspond to the first 48 METDATASET periods found in the observ.met file.....or equivalent to the start times listed in the MET_START_DATE and MET_START_TIME variables. Therefore, for example, the sigma_theta from wind directions measured at the 10 meter height from August 31, 1986 15:30 to 15:45 is 28.23 degrees.

sampler.data:

This file contains the SF6 measurements. These measurements are 1-hour averages in nanograms/m3. It is divided into two sections. Section one begins with the line "SAMPLERS". Section two begins with the line "MEASUREMENTS". Each line of section one has four columns:

Station name marked with single quotes (e.g. '101 '...'415 ', etc.)

UTM X coordinate of the measurement station in kilometers.

UTM Y coordinate of the measurement station in kilometers.

You can ignore the last column with "1" in every record.

Each line of section two has five columns:

Station name, as listed in section one.

You can ignore the second column with "1" in every record.

The date of the measurement (DDMMYY).

The UTC time at the end of the 1 hour measurement period (HH:MM:SS).
The average SF6 air concentration in nanograms/m3.

Note that the raw tracer data began with measurements of SF6 from 14:00 to 15:00 UTC. This is the hour prior to the initial tracer release. These measurements were used to establish background concentrations of the tracer. The magnitude of these “background” measurements have been subtracted from all subsequent SF6 measurements shown in this file.

Model Input File Contents

stnloc.met:

SFC

'DAVI TWR'	701.5000	3901.0000	20.0	{01:00:00}
'FOOT TWR'	708.4000	3905.8999	10.0	{00:15:00}
'SERV TWR'	711.5000	3901.8999	20.0	{00:15:00}
'PECH TWR'	701.0000	3894.8999	10.0	{00:15:00}
'CEM TWR '	699.8000	3909.0000	10.0	{00:15:00}
'BUOY '	691.8804	3863.7688	6.0	{00:02:00}
'MARIA WS'	733.0075	3864.7241	10.0	{00:00:00}
'OBISPO '	715.6860	3900.9258	10.0	{00:00:00}
'ROBLES '	714.5143	3949.7354	10.0	{00:00:00}
'GROVER '	715.8400	3889.2000	10.0	{01:00:00}
'LEWIS '	716.5700	3898.4299	10.0	{01:00:00}
'MARIA CD'	734.7000	3870.6001	10.0	{01:00:00}
'MORRO '	696.2500	3915.5701	10.0	{01:00:00}
'NIPOMO '	730.1400	3880.0901	10.0	{01:00:00}
'PIEDRAS '	655.6745	3948.5103	10.0	{00:02:00}
'W NIPOMO'	722.1700	3879.5500	10.0	{01:00:00}
'DVC SDR '	709.4000	3896.8000	40.0	{00:15:00}
TOW				
'DIAB TWR'	696.4000	3897.4500		{00:15:00}
'DIAP TWR'	695.2500	3898.1499		{00:15:00}
UPR				
'CEM SDR '	699.8000	3909.0000		{00:15:00}
'DIA SDR '	696.5000	3897.5000		{00:15:00}
'DVC SDR '	709.4000	3896.8000		{00:15:00}

{DVC SDR at 40 meter level used as surface station}

observ.met:

METDATASET '1986AUG31_150730'
SFC
'DVC SDR' 56.0 1.0 {86/08/31@15:15:00}
'BUOY' 292.0 7.2 {86/08/31@14:00:00}*
'MARIA WS' -99999.0 0.0 {86/08/31@14:50:00}
'OBISPO' -99999.0 0.0 {86/08/31@14:50:00}
'ROBLES' 300.0 2.1 {86/08/31@14:50:00}
'PIEDRAS' 90.0 1.5 {86/08/31@15:00:00}*
'CEM TWR' 266.0 1.5 {86/08/31@15:15:00}
'FOOT TWR' 309.7 2.7 {86/08/31@15:15:00}
'SERV TWR' 323.6 2.4 {86/08/31@15:15:00}
'PECH TWR' 292.3 0.9 {86/08/31@15:18:00}
'DAVI TWR' 53.0 3.7 {86/08/31@16:00:00}
'GROVER' 60.0 0.4 {86/08/31@16:00:00}
'LEWIS' 309.0 1.3 {86/08/31@16:00:00}
'MARIA CD' 106.0 0.4 {86/08/31@16:00:00}
'MORRO' 260.0 0.4 {86/08/31@16:00:00}
'NIPOMO' -99999.0 0.0 {86/08/31@16:00:00}
'W NIPOMO' 131.0 1.3 {86/08/31@16:00:00}
TOW
'DIAB TWR' 10.0 193.6 0.9 {86/08/31@15:15:00}
'DIAB TWR' 60.0 179.4 0.7 {86/08/31@15:15:00}
UPR
'CEM SDR' 40.0 244.0 1.4 {86/08/31@15:15:00}
'CEM SDR' 70.0 252.0 2.1 {86/08/31@15:15:00}
'CEM SDR' 100.0 266.0 1.1 {86/08/31@15:15:00}
'CEM SDR' 130.0 265.0 1.7 {86/08/31@15:15:00}
'CEM SDR' 160.0 293.0 1.5 {86/08/31@15:15:00}
'CEM SDR' 190.0 281.0 1.9 {86/08/31@15:15:00}
'CEM SDR' 220.0 312.0 1.2 {86/08/31@15:15:00}
'CEM SDR' 250.0 257.0 1.2 {86/08/31@15:15:00}
'CEM SDR' 280.0 286.0 1.1 {86/08/31@15:15:00}
'CEM SDR' 310.0 307.0 0.7 {86/08/31@15:15:00}
'CEM SDR' 340.0 313.0 1.7 {86/08/31@15:15:00}
'CEM SDR' 370.0 325.0 2.2 {86/08/31@15:15:00}
'CEM SDR' 400.0 332.0 1.0 {86/08/31@15:15:00}
'CEM SDR' 430.0 11.0 2.2 {86/08/31@15:15:00}
'CEM SDR' 460.0 17.0 4.5 {86/08/31@15:15:00}
'DIA SDR' 40.0 213.0 1.2 {86/08/31@15:15:00}
'DIA SDR' 70.0 100.0 0.5 {86/08/31@15:15:00}
'DIA SDR' 100.0 166.0 0.6 {86/08/31@15:15:00}
'DIA SDR' 130.0 207.0 1.1 {86/08/31@15:15:00}
'DIA SDR' 160.0 216.0 1.4 {86/08/31@15:15:00}
'DIA SDR' 190.0 225.0 1.0 {86/08/31@15:15:00}
'DIA SDR' 220.0 221.0 0.6 {86/08/31@15:15:00}

'DIA SDR '	250.0	357.0	0.6	{86/08/31@15:15:00}
'DIA SDR '	280.0	350.0	1.4	{86/08/31@15:15:00}
'DIA SDR '	310.0	308.0	0.8	{86/08/31@15:15:00}
'DIA SDR '	340.0	1.0	0.5	{86/08/31@15:15:00}
'DIA SDR '	370.0	315.0	0.6	{86/08/31@15:15:00}
'DIA SDR '	400.0	344.0	0.5	{86/08/31@15:15:00}
'DIA SDR '	430.0	6.0	1.3	{86/08/31@15:15:00}
'DIA SDR '	460.0	4.0	2.3	{86/08/31@15:15:00}
'DVC SDR '	40.0	56.0	1.0	{86/08/31@15:15:00}
'DVC SDR '	70.0	12.0	0.6	{86/08/31@15:15:00}
'DVC SDR '	100.0	313.0	1.0	{86/08/31@15:15:00}
'DVC SDR '	130.0	318.0	1.1	{86/08/31@15:15:00}
'DVC SDR '	160.0	310.0	1.4	{86/08/31@15:15:00}
'DVC SDR '	190.0	319.0	1.1	{86/08/31@15:15:00}
'DVC SDR '	220.0	343.0	1.7	{86/08/31@15:15:00}
'DVC SDR '	250.0	351.0	1.2	{86/08/31@15:15:00}
'DVC SDR '	280.0	1.0	1.8	{86/08/31@15:15:00}
'DVC SDR '	310.0	4.0	2.2	{86/08/31@15:15:00}
'DVC SDR '	340.0	25.0	1.7	{86/08/31@15:15:00}
'DVC SDR '	370.0	23.0	1.4	{86/08/31@15:15:00}
'DVC SDR '	400.0	338.0	0.9	{86/08/31@15:15:00}
'DVC SDR '	430.0	10.0	2.3	{86/08/31@15:15:00}
'DVC SDR '	460.0	20.0	4.5	{86/08/31@15:15:00}
'DVC SDR '	490.0	22.0	6.3	{86/08/31@15:15:00}
'DVC SDR '	520.0	21.0	4.4	{86/08/31@15:15:00}

METDATASET '1986AUG31_152230'

SFC

'DVC SDR '	56.0	1.0	{86/08/31@15:15:00}*
'BUOY '	292.0	7.2	{86/08/31@14:00:00}*
'PIEDRAS '	90.0	1.5	{86/08/31@15:00:00}*
'CEM TWR '	266.0	1.5	{86/08/31@15:15:00}*
'FOOT TWR'	295.1	2.5	{86/08/31@15:30:00}
'SERV TWR'	318.3	2.7	{86/08/31@15:30:00}
'PECH TWR'	267.0	1.0	{86/08/31@15:33:00}
'OBISPO '	-99999.0	0.0	{86/08/31@15:45:00}
'ROBLES '	240.0	1.5	{86/08/31@15:48:00}
'MARIA WS'	-99999.0	0.0	{86/08/31@15:50:00}
'DAVI TWR'	53.0	3.7	{86/08/31@16:00:00}
'GROVER '	60.0	0.4	{86/08/31@16:00:00}
'LEWIS '	309.0	1.3	{86/08/31@16:00:00}
'MARIA CD'	106.0	0.4	{86/08/31@16:00:00}
'MORRO '	260.0	0.4	{86/08/31@16:00:00}
'NIPOMO '	-99999.0	0.0	{86/08/31@16:00:00}
'W NIPOMO'	131.0	1.3	{86/08/31@16:00:00}

TOW				
'DIAB TWR'	10.0	171.7	1.0	{86/08/31@15:30:00}
'DIAB TWR'	60.0	133.6	0.7	{86/08/31@15:30:00}
UPR				
'CEM SDR '	40.0	244.0	1.4	{86/08/31@15:15:00}*
'CEM SDR '	70.0	252.0	2.1	{86/08/31@15:15:00}*
'CEM SDR '	100.0	266.0	1.1	{86/08/31@15:15:00}*
'CEM SDR '	130.0	265.0	1.7	{86/08/31@15:15:00}*
'CEM SDR '	160.0	293.0	1.5	{86/08/31@15:15:00}*
'CEM SDR '	190.0	281.0	1.9	{86/08/31@15:15:00}*
'CEM SDR '	220.0	312.0	1.2	{86/08/31@15:15:00}*
'CEM SDR '	250.0	257.0	1.2	{86/08/31@15:15:00}*
'CEM SDR '	280.0	286.0	1.1	{86/08/31@15:15:00}*
'CEM SDR '	310.0	307.0	0.7	{86/08/31@15:15:00}*
'CEM SDR '	340.0	313.0	1.7	{86/08/31@15:15:00}*
'CEM SDR '	370.0	325.0	2.2	{86/08/31@15:15:00}*
'CEM SDR '	400.0	332.0	1.0	{86/08/31@15:15:00}*
'CEM SDR '	430.0	11.0	2.2	{86/08/31@15:15:00}*
'CEM SDR '	460.0	17.0	4.5	{86/08/31@15:15:00}*
'DIA SDR '	40.0	213.0	1.2	{86/08/31@15:15:00}*
'DIA SDR '	70.0	100.0	0.5	{86/08/31@15:15:00}*
'DIA SDR '	100.0	166.0	0.6	{86/08/31@15:15:00}*
'DIA SDR '	130.0	207.0	1.1	{86/08/31@15:15:00}*
'DIA SDR '	160.0	216.0	1.4	{86/08/31@15:15:00}*
'DIA SDR '	190.0	225.0	1.0	{86/08/31@15:15:00}*
'DIA SDR '	220.0	221.0	0.6	{86/08/31@15:15:00}*
'DIA SDR '	250.0	357.0	0.6	{86/08/31@15:15:00}*
'DIA SDR '	280.0	350.0	1.4	{86/08/31@15:15:00}*
'DIA SDR '	310.0	308.0	0.8	{86/08/31@15:15:00}*
'DIA SDR '	340.0	1.0	0.5	{86/08/31@15:15:00}*
'DIA SDR '	370.0	315.0	0.6	{86/08/31@15:15:00}*
'DIA SDR '	400.0	344.0	0.5	{86/08/31@15:15:00}*
'DIA SDR '	430.0	6.0	1.3	{86/08/31@15:15:00}*
'DIA SDR '	460.0	4.0	2.3	{86/08/31@15:15:00}*
'DVC SDR '	40.0	56.0	1.0	{86/08/31@15:15:00}*
'DVC SDR '	70.0	12.0	0.6	{86/08/31@15:15:00}*
'DVC SDR '	100.0	313.0	1.0	{86/08/31@15:15:00}*
'DVC SDR '	130.0	318.0	1.1	{86/08/31@15:15:00}*
'DVC SDR '	160.0	310.0	1.4	{86/08/31@15:15:00}*
'DVC SDR '	190.0	319.0	1.1	{86/08/31@15:15:00}*
'DVC SDR '	220.0	343.0	1.7	{86/08/31@15:15:00}*
'DVC SDR '	250.0	351.0	1.2	{86/08/31@15:15:00}*
'DVC SDR '	280.0	1.0	1.8	{86/08/31@15:15:00}*
'DVC SDR '	310.0	4.0	2.2	{86/08/31@15:15:00}*
'DVC SDR '	340.0	25.0	1.7	{86/08/31@15:15:00}*
'DVC SDR '	370.0	23.0	1.4	{86/08/31@15:15:00}*

'DVC SDR '	400.0	338.0	0.9	{86/08/31@15:15:00}*
'DVC SDR '	430.0	10.0	2.3	{86/08/31@15:15:00}*
'DVC SDR '	460.0	20.0	4.5	{86/08/31@15:15:00}*
'DVC SDR '	490.0	22.0	6.3	{86/08/31@15:15:00}*
'DVC SDR '	520.0	21.0	4.4	{86/08/31@15:15:00}*

METDATASET '1986AUG31_153730'

SFC

'DVC SDR '	289.0	0.8		{86/08/31@15:45:00}
'PIEDRAS '	90.0	1.5		{86/08/31@15:00:00}*
'CEM TWR '	278.0	1.6		{86/08/31@15:45:00}
'FOOT TWR'	295.8	2.9		{86/08/31@15:45:00}
'OBISPO '	-99999.0	0.0		{86/08/31@15:45:00}
'SERV TWR'	321.6	2.5		{86/08/31@15:45:00}
'PECH TWR'	266.5	1.7		{86/08/31@15:48:00}
'ROBLES '	240.0	1.5		{86/08/31@15:48:00}
'MARIA WS'	-99999.0	0.0		{86/08/31@15:50:00}
'DAVI TWR'	53.0	3.7		{86/08/31@16:00:00}
'GROVER '	60.0	0.4		{86/08/31@16:00:00}
'LEWIS '	309.0	1.3		{86/08/31@16:00:00}
'MARIA CD'	106.0	0.4		{86/08/31@16:00:00}
'MORRO '	260.0	0.4		{86/08/31@16:00:00}
'NIPOMO '	-99999.0	0.0		{86/08/31@16:00:00}
'W NIPOMO'	131.0	1.3		{86/08/31@16:00:00}
'BUOY '	315.0	3.1		{86/08/31@17:00:00}*

TOW

'DIAB TWR'	10.0	168.5	0.7	{86/08/31@15:45:00}
'DIAB TWR'	60.0	288.6	0.8	{86/08/31@15:45:00}

UPR

'CEM SDR '	40.0	279.0	1.8	{86/08/31@15:45:00}
'CEM SDR '	70.0	280.0	3.2	{86/08/31@15:45:00}
'CEM SDR '	100.0	239.0	1.3	{86/08/31@15:45:00}
'CEM SDR '	130.0	246.0	1.5	{86/08/31@15:45:00}
'CEM SDR '	160.0	267.0	2.5	{86/08/31@15:45:00}
'CEM SDR '	190.0	258.0	1.9	{86/08/31@15:45:00}
'CEM SDR '	220.0	234.0	1.1	{86/08/31@15:45:00}
'CEM SDR '	250.0	263.0	1.6	{86/08/31@15:45:00}
'CEM SDR '	280.0	286.0	2.1	{86/08/31@15:45:00}
'CEM SDR '	310.0	283.0	1.9	{86/08/31@15:45:00}
'CEM SDR '	340.0	285.0	3.5	{86/08/31@15:45:00}
'CEM SDR '	370.0	296.0	3.7	{86/08/31@15:45:00}
'CEM SDR '	400.0	341.0	1.5	{86/08/31@15:45:00}
'CEM SDR '	430.0	-99999.0	1.7	{86/08/31@15:45:00} M
'CEM SDR '	460.0	355.0	3.1	{86/08/31@15:45:00}
'CEM SDR '	490.0	21.0	3.2	{86/08/31@15:45:00}

'CEM SDR '	520.0	42.0	3.6	{86/08/31@15:45:00}
'DIA SDR '	40.0	78.0	1.4	{86/08/31@15:45:00}
'DIA SDR '	70.0	266.0	0.4	{86/08/31@15:45:00}
'DIA SDR '	100.0	312.0	0.9	{86/08/31@15:45:00}
'DIA SDR '	130.0	319.0	1.3	{86/08/31@15:45:00}
'DIA SDR '	160.0	322.0	1.5	{86/08/31@15:45:00}
'DIA SDR '	190.0	297.0	1.8	{86/08/31@15:45:00}
'DIA SDR '	220.0	312.0	1.5	{86/08/31@15:45:00}
'DIA SDR '	250.0	333.0	1.7	{86/08/31@15:45:00}
'DIA SDR '	280.0	325.0	2.4	{86/08/31@15:45:00}
'DIA SDR '	340.0	313.0	2.4	{86/08/31@15:45:00}
'DIA SDR '	370.0	327.0	2.5	{86/08/31@15:45:00}
'DIA SDR '	400.0	325.0	2.1	{86/08/31@15:45:00}
'DIA SDR '	430.0	8.0	1.6	{86/08/31@15:45:00}
'DIA SDR '	460.0	18.0	2.9	{86/08/31@15:45:00}
'DVC SDR '	40.0	289.0	0.8	{86/08/31@15:45:00}
'DVC SDR '	70.0	276.0	1.0	{86/08/31@15:45:00}
'DVC SDR '	100.0	276.0	1.0	{86/08/31@15:45:00}
'DVC SDR '	130.0	295.0	1.0	{86/08/31@15:45:00}
'DVC SDR '	160.0	267.0	0.9	{86/08/31@15:45:00}
'DVC SDR '	190.0	309.0	1.2	{86/08/31@15:45:00}
'DVC SDR '	220.0	318.0	1.0	{86/08/31@15:45:00}
'DVC SDR '	250.0	36.0	0.5	{86/08/31@15:45:00}
'DVC SDR '	280.0	20.0	0.7	{86/08/31@15:45:00}
'DVC SDR '	310.0	22.0	1.1	{86/08/31@15:45:00}
'DVC SDR '	340.0	61.0	1.1	{86/08/31@15:45:00}
'DVC SDR '	370.0	7.0	1.3	{86/08/31@15:45:00}
'DVC SDR '	400.0	356.0	1.6	{86/08/31@15:45:00}
'DVC SDR '	430.0	9.0	4.4	{86/08/31@15:45:00}
'DVC SDR '	460.0	21.0	6.2	{86/08/31@15:45:00}
'DVC SDR '	490.0	15.0	6.2	{86/08/31@15:45:00}
'DVC SDR '	520.0	8.0	5.0	{86/08/31@15:45:00}
'DVC SDR '	550.0	22.0	3.9	{86/08/31@15:45:00}
'DVC SDR '	580.0	11.0	4.8	{86/08/31@15:45:00}

METDATASET '1986AUG31_155230'

SFC

'DVC SDR '	289.0	0.8	{86/08/31@15:45:00}*
'PIEDRAS '	90.0	1.5	{86/08/31@15:00:00}*
'CEM TWR '	278.0	1.6	{86/08/31@15:45:00}*
'OBISPO '	-99999.0	0.0	{86/08/31@15:45:00}
'ROBLES '	240.0	1.5	{86/08/31@15:48:00}
'MARIA WS'	-99999.0	0.0	{86/08/31@15:50:00}
'DAVI TWR'	53.0	3.7	{86/08/31@16:00:00}
'FOOT TWR'	294.4	2.6	{86/08/31@16:00:00}

'GROVER '	60.0	0.4	{86/08/31@16:00:00}	
'LEWIS '	309.0	1.3	{86/08/31@16:00:00}	
'MARIA CD'	106.0	0.4	{86/08/31@16:00:00}	
'MORRO '	260.0	0.4	{86/08/31@16:00:00}	
'NIPOMO '	-99999.0	0.0	{86/08/31@16:00:00}	
'SERV TWR'	319.5	2.5	{86/08/31@16:00:00}	
'W NIPOMO'	131.0	1.3	{86/08/31@16:00:00}	
'PECH TWR'	288.4	2.0	{86/08/31@16:03:00}	
'BUOY '	315.0	3.1	{86/08/31@17:00:00}*	
TOW				
'DIAB TWR'	10.0	187.5	1.2	{86/08/31@16:00:00}
'DIAB TWR'	60.0	284.8	1.3	{86/08/31@16:00:00}
UPR				
'CEM SDR '	40.0	279.0	1.8	{86/08/31@15:45:00}*
'CEM SDR '	70.0	280.0	3.2	{86/08/31@15:45:00}*
'CEM SDR '	100.0	239.0	1.3	{86/08/31@15:45:00}*
'CEM SDR '	130.0	246.0	1.5	{86/08/31@15:45:00}*
'CEM SDR '	160.0	267.0	2.5	{86/08/31@15:45:00}*
'CEM SDR '	190.0	258.0	1.9	{86/08/31@15:45:00}*
'CEM SDR '	220.0	234.0	1.1	{86/08/31@15:45:00}*
'CEM SDR '	250.0	263.0	1.6	{86/08/31@15:45:00}*
'CEM SDR '	280.0	286.0	2.1	{86/08/31@15:45:00}*
'CEM SDR '	310.0	283.0	1.9	{86/08/31@15:45:00}*
'CEM SDR '	340.0	285.0	3.5	{86/08/31@15:45:00}*
'CEM SDR '	370.0	296.0	3.7	{86/08/31@15:45:00}*
'CEM SDR '	400.0	341.0	1.5	{86/08/31@15:45:00}*
'CEM SDR '	430.0	-99999.0	1.7	{86/08/31@15:45:00}* M
'CEM SDR '	460.0	355.0	3.1	{86/08/31@15:45:00}*
'CEM SDR '	490.0	21.0	3.2	{86/08/31@15:45:00}*
'CEM SDR '	520.0	42.0	3.6	{86/08/31@15:45:00}*
'DIA SDR '	40.0	78.0	1.4	{86/08/31@15:45:00}*
'DIA SDR '	70.0	266.0	0.4	{86/08/31@15:45:00}*
'DIA SDR '	100.0	312.0	0.9	{86/08/31@15:45:00}*
'DIA SDR '	130.0	319.0	1.3	{86/08/31@15:45:00}*
'DIA SDR '	160.0	322.0	1.5	{86/08/31@15:45:00}*
'DIA SDR '	190.0	297.0	1.8	{86/08/31@15:45:00}*
'DIA SDR '	220.0	312.0	1.5	{86/08/31@15:45:00}*
'DIA SDR '	250.0	333.0	1.7	{86/08/31@15:45:00}*
'DIA SDR '	280.0	325.0	2.4	{86/08/31@15:45:00}*
'DIA SDR '	340.0	313.0	2.4	{86/08/31@15:45:00}*
'DIA SDR '	370.0	327.0	2.5	{86/08/31@15:45:00}*
'DIA SDR '	400.0	325.0	2.1	{86/08/31@15:45:00}*
'DIA SDR '	430.0	8.0	1.6	{86/08/31@15:45:00}*
'DIA SDR '	460.0	18.0	2.9	{86/08/31@15:45:00}*
'DVC SDR '	40.0	289.0	0.8	{86/08/31@15:45:00}*
'DVC SDR '	70.0	276.0	1.0	{86/08/31@15:45:00}*

'DVC SDR '	100.0	276.0	1.0	{86/08/31@15:45:00}*
'DVC SDR '	130.0	295.0	1.0	{86/08/31@15:45:00}*
'DVC SDR '	160.0	267.0	0.9	{86/08/31@15:45:00}*
'DVC SDR '	190.0	309.0	1.2	{86/08/31@15:45:00}*
'DVC SDR '	220.0	318.0	1.0	{86/08/31@15:45:00}*
'DVC SDR '	250.0	36.0	0.5	{86/08/31@15:45:00}*
'DVC SDR '	280.0	20.0	0.7	{86/08/31@15:45:00}*
'DVC SDR '	310.0	22.0	1.1	{86/08/31@15:45:00}*
'DVC SDR '	340.0	61.0	1.1	{86/08/31@15:45:00}*
'DVC SDR '	370.0	7.0	1.3	{86/08/31@15:45:00}*
'DVC SDR '	400.0	356.0	1.6	{86/08/31@15:45:00}*
'DVC SDR '	430.0	9.0	4.4	{86/08/31@15:45:00}*
'DVC SDR '	460.0	21.0	6.2	{86/08/31@15:45:00}*
'DVC SDR '	490.0	15.0	6.2	{86/08/31@15:45:00}*
'DVC SDR '	520.0	8.0	5.0	{86/08/31@15:45:00}*
'DVC SDR '	550.0	22.0	3.9	{86/08/31@15:45:00}*
'DVC SDR '	580.0	11.0	4.8	{86/08/31@15:45:00}*

METDATASET '1986AUG31_160730'

SFC

'DVC SDR '	302.0	0.9		{86/08/31@16:15:00}
'PIEDRAS '	90.0	1.5		{86/08/31@15:00:00}*
'OBISPO '	-99999.0	0.0		{86/08/31@15:45:00}
'ROBLES '	240.0	1.5		{86/08/31@15:48:00}
'MARIA WS'	-99999.0	0.0		{86/08/31@15:50:00}
'CEM TWR '	293.0	2.3		{86/08/31@16:15:00}
'FOOT TWR'	317.9	2.8		{86/08/31@16:15:00}
'SERV TWR'	336.4	2.7		{86/08/31@16:15:00}
'PECH TWR'	265.6	1.4		{86/08/31@16:18:00}
'BUOY '	315.0	3.1		{86/08/31@17:00:00}*
'DAVI TWR'	85.0	1.9		{86/08/31@17:00:00}
'GROVER '	300.0	0.9		{86/08/31@17:00:00}
'LEWIS '	294.0	1.3		{86/08/31@17:00:00}
'MARIA CD'	-99999.0	0.0		{86/08/31@17:00:00}
'MORRO '	250.0	0.9		{86/08/31@17:00:00}
'NIPOMO '	-99999.0	0.0		{86/08/31@17:00:00}
'W NIPOMO'	244.0	0.9		{86/08/31@17:00:00}

TOW

'DIAB TWR'	10.0	258.7	1.3	{86/08/31@16:15:00}
'DIAB TWR'	60.0	278.7	1.8	{86/08/31@16:15:00}

UPR

'CEM SDR '	40.0	288.0	4.3	{86/08/31@16:15:00}
'CEM SDR '	70.0	278.0	2.4	{86/08/31@16:15:00}
'CEM SDR '	100.0	285.0	3.6	{86/08/31@16:15:00}
'CEM SDR '	130.0	274.0	2.2	{86/08/31@16:15:00}

'CEM SDR '	160.0	280.0	3.2	{86/08/31@16:15:00}
'CEM SDR '	190.0	275.0	3.3	{86/08/31@16:15:00}
'CEM SDR '	220.0	280.0	2.5	{86/08/31@16:15:00}
'CEM SDR '	250.0	278.0	2.6	{86/08/31@16:15:00}
'CEM SDR '	280.0	280.0	2.8	{86/08/31@16:15:00}
'CEM SDR '	310.0	287.0	3.7	{86/08/31@16:15:00}
'CEM SDR '	340.0	283.0	2.7	{86/08/31@16:15:00}
'CEM SDR '	370.0	291.0	3.8	{86/08/31@16:15:00}
'CEM SDR '	400.0	312.0	3.2	{86/08/31@16:15:00}
'CEM SDR '	430.0	342.0	1.0	{86/08/31@16:15:00}
'CEM SDR '	460.0	30.0	1.1	{86/08/31@16:15:00}
'CEM SDR '	490.0	8.0	1.6	{86/08/31@16:15:00}
'CEM SDR '	520.0	31.0	3.1	{86/08/31@16:15:00}
'CEM SDR '	580.0	39.0	3.6	{86/08/31@16:15:00}
'CEM SDR '	610.0	28.0	3.8	{86/08/31@16:15:00}
'DIA SDR '	40.0	239.0	1.0	{86/08/31@16:15:00}
'DIA SDR '	70.0	266.0	1.1	{86/08/31@16:15:00}
'DIA SDR '	100.0	292.0	1.6	{86/08/31@16:15:00}
'DIA SDR '	130.0	295.0	1.3	{86/08/31@16:15:00}
'DIA SDR '	160.0	303.0	1.8	{86/08/31@16:15:00}
'DIA SDR '	190.0	310.0	1.7	{86/08/31@16:15:00}
'DIA SDR '	220.0	324.0	1.7	{86/08/31@16:15:00}
'DIA SDR '	250.0	316.0	1.4	{86/08/31@16:15:00}
'DIA SDR '	280.0	338.0	1.7	{86/08/31@16:15:00}
'DIA SDR '	310.0	346.0	1.6	{86/08/31@16:15:00}
'DIA SDR '	340.0	330.0	2.4	{86/08/31@16:15:00}
'DIA SDR '	370.0	319.0	3.4	{86/08/31@16:15:00}
'DIA SDR '	400.0	316.0	2.1	{86/08/31@16:15:00}
'DIA SDR '	430.0	304.0	0.8	{86/08/31@16:15:00}
'DIA SDR '	460.0	16.0	0.9	{86/08/31@16:15:00}
'DIA SDR '	490.0	1.0	0.9	{86/08/31@16:15:00}
'DVC SDR '	40.0	302.0	0.9	{86/08/31@16:15:00}
'DVC SDR '	70.0	210.0	0.5	{86/08/31@16:15:00}
'DVC SDR '	100.0	125.0	0.4	{86/08/31@16:15:00}
'DVC SDR '	130.0	269.0	0.6	{86/08/31@16:15:00}
'DVC SDR '	190.0	299.0	0.2	{86/08/31@16:15:00}
'DVC SDR '	250.0	1.0	1.6	{86/08/31@16:15:00}
'DVC SDR '	280.0	12.0	1.1	{86/08/31@16:15:00}
'DVC SDR '	310.0	32.0	0.9	{86/08/31@16:15:00}
'DVC SDR '	340.0	352.0	0.2	{86/08/31@16:15:00}
'DVC SDR '	370.0	307.0	0.7	{86/08/31@16:15:00}
'DVC SDR '	400.0	314.0	1.2	{86/08/31@16:15:00}
'DVC SDR '	430.0	342.0	2.0	{86/08/31@16:15:00}
'DVC SDR '	460.0	17.0	4.4	{86/08/31@16:15:00}
'DVC SDR '	490.0	18.0	4.4	{86/08/31@16:15:00}
'DVC SDR '	520.0	27.0	3.4	{86/08/31@16:15:00}

'DVC SDR' 550.0 42.0 2.5 {86/08/31@16:15:00}

METDATASET '1986AUG31_162230'

SFC

'DVC SDR'	302.0	0.9	{86/08/31@16:15:00}*
'PIEDRAS'	90.0	1.5	{86/08/31@15:00:00}*
'CEM TWR'	293.0	2.3	{86/08/31@16:15:00}*
'FOOT TWR'	328.2	2.7	{86/08/31@16:30:00}
'SERV TWR'	355.2	2.3	{86/08/31@16:30:00}
'PECH TWR'	229.2	1.0	{86/08/31@16:33:00}
'OBISPO'	-99999.0	0.0	{86/08/31@16:45:00}
'ROBLES'	-99999.0	0.0	{86/08/31@16:47:00}
'MARIA WS'	-99999.0	0.0	{86/08/31@16:50:00}
'BUOY'	315.0	3.1	{86/08/31@17:00:00}*
'DAVI TWR'	85.0	1.9	{86/08/31@17:00:00}
'GROVER'	300.0	0.9	{86/08/31@17:00:00}
'LEWIS'	294.0	1.3	{86/08/31@17:00:00}
'MARIA CD'	-99999.0	0.0	{86/08/31@17:00:00}
'MORRO'	250.0	0.9	{86/08/31@17:00:00}
'NIPOMO'	-99999.0	0.0	{86/08/31@17:00:00}
'W NIPOMO'	244.0	0.9	{86/08/31@17:00:00}

TOW

'DIAB TWR'	10.0	291.6	3.2	{86/08/31@16:30:00}
'DIAB TWR'	60.0	293.8	3.4	{86/08/31@16:30:00}

UPR

'CEM SDR'	40.0	288.0	4.3	{86/08/31@16:15:00}*
'CEM SDR'	70.0	278.0	2.4	{86/08/31@16:15:00}*
'CEM SDR'	100.0	285.0	3.6	{86/08/31@16:15:00}*
'CEM SDR'	130.0	274.0	2.2	{86/08/31@16:15:00}*
'CEM SDR'	160.0	280.0	3.2	{86/08/31@16:15:00}*
'CEM SDR'	190.0	275.0	3.3	{86/08/31@16:15:00}*
'CEM SDR'	220.0	280.0	2.5	{86/08/31@16:15:00}*
'CEM SDR'	250.0	278.0	2.6	{86/08/31@16:15:00}*
'CEM SDR'	280.0	280.0	2.8	{86/08/31@16:15:00}*
'CEM SDR'	310.0	287.0	3.7	{86/08/31@16:15:00}*
'CEM SDR'	340.0	283.0	2.7	{86/08/31@16:15:00}*
'CEM SDR'	370.0	291.0	3.8	{86/08/31@16:15:00}*
'CEM SDR'	400.0	312.0	3.2	{86/08/31@16:15:00}*
'CEM SDR'	430.0	342.0	1.0	{86/08/31@16:15:00}*
'CEM SDR'	460.0	30.0	1.1	{86/08/31@16:15:00}*
'CEM SDR'	490.0	8.0	1.6	{86/08/31@16:15:00}*
'CEM SDR'	520.0	31.0	3.1	{86/08/31@16:15:00}*
'CEM SDR'	580.0	39.0	3.6	{86/08/31@16:15:00}*
'CEM SDR'	610.0	28.0	3.8	{86/08/31@16:15:00}*
'DIA SDR'	40.0	239.0	1.0	{86/08/31@16:15:00}*

'DIA SDR '	70.0	266.0	1.1	{86/08/31@16:15:00}*
'DIA SDR '	100.0	292.0	1.6	{86/08/31@16:15:00}*
'DIA SDR '	130.0	295.0	1.3	{86/08/31@16:15:00}*
'DIA SDR '	160.0	303.0	1.8	{86/08/31@16:15:00}*
'DIA SDR '	190.0	310.0	1.7	{86/08/31@16:15:00}*
'DIA SDR '	220.0	324.0	1.7	{86/08/31@16:15:00}*
'DIA SDR '	250.0	316.0	1.4	{86/08/31@16:15:00}*
'DIA SDR '	280.0	338.0	1.7	{86/08/31@16:15:00}*
'DIA SDR '	310.0	346.0	1.6	{86/08/31@16:15:00}*
'DIA SDR '	340.0	330.0	2.4	{86/08/31@16:15:00}*
'DIA SDR '	370.0	319.0	3.4	{86/08/31@16:15:00}*
'DIA SDR '	400.0	316.0	2.1	{86/08/31@16:15:00}*
'DIA SDR '	430.0	304.0	0.8	{86/08/31@16:15:00}*
'DIA SDR '	460.0	16.0	0.9	{86/08/31@16:15:00}*
'DIA SDR '	490.0	1.0	0.9	{86/08/31@16:15:00}*
'DVC SDR '	40.0	302.0	0.9	{86/08/31@16:15:00}*
'DVC SDR '	70.0	210.0	0.5	{86/08/31@16:15:00}*
'DVC SDR '	100.0	125.0	0.4	{86/08/31@16:15:00}*
'DVC SDR '	130.0	269.0	0.6	{86/08/31@16:15:00}*
'DVC SDR '	190.0	299.0	0.2	{86/08/31@16:15:00}*
'DVC SDR '	250.0	1.0	1.6	{86/08/31@16:15:00}*
'DVC SDR '	280.0	12.0	1.1	{86/08/31@16:15:00}*
'DVC SDR '	310.0	32.0	0.9	{86/08/31@16:15:00}*
'DVC SDR '	340.0	352.0	0.2	{86/08/31@16:15:00}*
'DVC SDR '	370.0	307.0	0.7	{86/08/31@16:15:00}*
'DVC SDR '	400.0	314.0	1.2	{86/08/31@16:15:00}*
'DVC SDR '	430.0	342.0	2.0	{86/08/31@16:15:00}*
'DVC SDR '	460.0	17.0	4.4	{86/08/31@16:15:00}*
'DVC SDR '	490.0	18.0	4.4	{86/08/31@16:15:00}*
'DVC SDR '	520.0	27.0	3.4	{86/08/31@16:15:00}*
'DVC SDR '	550.0	42.0	2.5	{86/08/31@16:15:00}*

METDATASET '1986AUG31_163730'

SFC

'DVC SDR '	265.0	0.8	{86/08/31@16:45:00}
'CEM TWR '	328.0	2.3	{86/08/31@16:45:00}
'FOOT TWR'	326.1	2.4	{86/08/31@16:45:00}
'OBISPO '	-99999.0	0.0	{86/08/31@16:45:00}
'SERV TWR'	353.7	2.0	{86/08/31@16:45:00}
'ROBLES '	-99999.0	0.0	{86/08/31@16:47:00}
'PECH TWR'	178.3	0.9	{86/08/31@16:48:00}
'MARIA WS'	-99999.0	0.0	{86/08/31@16:50:00}
'BUOY '	315.0	3.1	{86/08/31@17:00:00}*
'DAVI TWR'	85.0	1.9	{86/08/31@17:00:00}
'GROVER '	300.0	0.9	{86/08/31@17:00:00}

'LEWIS '	294.0	1.3		{86/08/31@17:00:00}
'MARIA CD'	-99999.0	0.0		{86/08/31@17:00:00}
'MORRO '	250.0	0.9		{86/08/31@17:00:00}
'NIPOMO '	-99999.0	0.0		{86/08/31@17:00:00}
'W NIPOMO'	244.0	0.9		{86/08/31@17:00:00}
'PIEDRAS '	292.0	2.1		{86/08/31@18:00:00}*
TOW				
'DIAB TWR'	10.0	290.9	3.7	{86/08/31@16:45:00}
'DIAB TWR'	60.0	291.5	4.2	{86/08/31@16:45:00}
UPR				
'CEM SDR '	40.0	324.0	3.7	{86/08/31@16:45:00}
'CEM SDR '	70.0	326.0	1.9	{86/08/31@16:45:00}
'CEM SDR '	100.0	316.0	2.5	{86/08/31@16:45:00}
'CEM SDR '	130.0	316.0	2.1	{86/08/31@16:45:00}
'CEM SDR '	160.0	300.0	2.8	{86/08/31@16:45:00}
'CEM SDR '	190.0	307.0	2.7	{86/08/31@16:45:00}
'CEM SDR '	220.0	299.0	2.2	{86/08/31@16:45:00}
'CEM SDR '	250.0	295.0	2.6	{86/08/31@16:45:00}
'CEM SDR '	280.0	270.0	1.9	{86/08/31@16:45:00}
'CEM SDR '	310.0	260.0	2.2	{86/08/31@16:45:00}
'CEM SDR '	340.0	257.0	2.5	{86/08/31@16:45:00}
'CEM SDR '	370.0	267.0	3.0	{86/08/31@16:45:00}
'CEM SDR '	400.0	288.0	3.2	{86/08/31@16:45:00}
'CEM SDR '	430.0	291.0	1.9	{86/08/31@16:45:00}
'CEM SDR '	460.0	222.0	0.8	{86/08/31@16:45:00}
'CEM SDR '	490.0	211.0	0.8	{86/08/31@16:45:00}
'CEM SDR '	505.0	305.0	1.4	{fake ob to force veering profile}
'CEM SDR '	610.0	44.0	2.0	{86/08/31@16:45:00}
'DIA SDR '	40.0	295.0	3.8	{86/08/31@16:45:00}
'DIA SDR '	70.0	295.0	3.1	{86/08/31@16:45:00}
'DIA SDR '	100.0	294.0	4.6	{86/08/31@16:45:00}
'DIA SDR '	130.0	306.0	3.5	{86/08/31@16:45:00}
'DIA SDR '	160.0	308.0	3.5	{86/08/31@16:45:00}
'DIA SDR '	190.0	300.0	2.8	{86/08/31@16:45:00}
'DIA SDR '	220.0	294.0	2.8	{86/08/31@16:45:00}
'DIA SDR '	250.0	310.0	2.4	{86/08/31@16:45:00}
'DIA SDR '	280.0	334.0	1.7	{86/08/31@16:45:00}
'DIA SDR '	310.0	4.0	1.5	{86/08/31@16:45:00}
'DIA SDR '	340.0	336.0	1.3	{86/08/31@16:45:00}
'DIA SDR '	370.0	342.0	2.3	{86/08/31@16:45:00}
'DIA SDR '	400.0	342.0	2.2	{86/08/31@16:45:00}
'DIA SDR '	430.0	-99999.0	0.9	{86/08/31@16:45:00} M
'DIA SDR '	460.0	43.0	1.0	{86/08/31@16:45:00}
'DIA SDR '	490.0	28.0	1.8	{86/08/31@16:45:00}
'DIA SDR '	520.0	349.0	2.3	{86/08/31@16:45:00}
'DVC SDR '	40.0	265.0	0.8	{86/08/31@16:45:00}

'DVC SDR '	70.0	247.0	0.5	{86/08/31@16:45:00}
'DVC SDR '	100.0	1.0	0.5	{86/08/31@16:45:00}
'DVC SDR '	130.0	346.0	0.7	{86/08/31@16:45:00}
'DVC SDR '	190.0	257.0	1.4	{86/08/31@16:45:00}
'DVC SDR '	220.0	288.0	0.3	{86/08/31@16:45:00}
'DVC SDR '	250.0	304.0	1.0	{86/08/31@16:45:00}
'DVC SDR '	280.0	267.0	0.2	{86/08/31@16:45:00}
'DVC SDR '	310.0	315.0	1.4	{86/08/31@16:45:00}
'DVC SDR '	340.0	284.0	0.5	{86/08/31@16:45:00}
'DVC SDR '	370.0	304.0	1.7	{86/08/31@16:45:00}
'DVC SDR '	400.0	317.0	1.9	{86/08/31@16:45:00}
'DVC SDR '	430.0	326.0	1.8	{86/08/31@16:45:00}
'DVC SDR '	460.0	351.0	3.4	{86/08/31@16:45:00}
'DVC SDR '	490.0	16.0	5.0	{86/08/31@16:45:00}
'DVC SDR '	520.0	19.0	3.9	{86/08/31@16:45:00}
'DVC SDR '	580.0	352.0	2.5	{86/08/31@16:45:00}

METDATASET '1986AUG31_165230'

SFC

'DVC SDR '	265.0	0.8		{86/08/31@16:45:00}*
'CEM TWR '	328.0	2.3		{86/08/31@16:45:00}*
'OBISPO '	-99999.0	0.0		{86/08/31@16:45:00}
'ROBLES '	-99999.0	0.0		{86/08/31@16:47:00}
'MARIA WS'	-99999.0	0.0		{86/08/31@16:50:00}
'BUOY '	315.0	3.1		{86/08/31@17:00:00}
'DAVI TWR'	85.0	1.9		{86/08/31@17:00:00}
'FOOT TWR'	314.2	2.4		{86/08/31@17:00:00}
'GROVER '	300.0	0.9		{86/08/31@17:00:00}
'LEWIS '	294.0	1.3		{86/08/31@17:00:00}
'MARIA CD'	-99999.0	0.0		{86/08/31@17:00:00}
'MORRO '	250.0	0.9		{86/08/31@17:00:00}
'NIPOMO '	-99999.0	0.0		{86/08/31@17:00:00}
'SERV TWR'	350.7	1.7		{86/08/31@17:00:00}
'W NIPOMO'	244.0	0.9		{86/08/31@17:00:00}
'PECH TWR'	196.8	0.9		{86/08/31@17:03:00}
'PIEDRAS '	292.0	2.1		{86/08/31@18:00:00}*

TOW

'DIAB TWR'	10.0	289.4	3.7	{86/08/31@17:00:00}
'DIAB TWR'	60.0	291.0	4.1	{86/08/31@17:00:00}

UPR

'CEM SDR '	40.0	324.0	3.7	{86/08/31@16:45:00}*
'CEM SDR '	70.0	326.0	1.9	{86/08/31@16:45:00}*
'CEM SDR '	100.0	316.0	2.5	{86/08/31@16:45:00}*
'CEM SDR '	130.0	316.0	2.1	{86/08/31@16:45:00}*
'CEM SDR '	160.0	300.0	2.8	{86/08/31@16:45:00}*

'CEM SDR'	190.0	307.0	2.7	{86/08/31@16:45:00}*
'CEM SDR'	220.0	299.0	2.2	{86/08/31@16:45:00}*
'CEM SDR'	250.0	295.0	2.6	{86/08/31@16:45:00}*
'CEM SDR'	280.0	270.0	1.9	{86/08/31@16:45:00}*
'CEM SDR'	310.0	260.0	2.2	{86/08/31@16:45:00}*
'CEM SDR'	340.0	257.0	2.5	{86/08/31@16:45:00}*
'CEM SDR'	370.0	267.0	3.0	{86/08/31@16:45:00}*
'CEM SDR'	400.0	288.0	3.2	{86/08/31@16:45:00}*
'CEM SDR'	430.0	291.0	1.9	{86/08/31@16:45:00}*
'CEM SDR'	460.0	222.0	0.8	{86/08/31@16:45:00}*
'CEM SDR'	490.0	211.0	0.8	{86/08/31@16:45:00}*
'CEM SDR'	505.0	305.0	1.4	{fake ob to force veering profile}
'CEM SDR'	610.0	44.0	2.0	{86/08/31@16:45:00}*
'DIA SDR'	40.0	295.0	3.8	{86/08/31@16:45:00}*
'DIA SDR'	70.0	295.0	3.1	{86/08/31@16:45:00}*
'DIA SDR'	100.0	294.0	4.6	{86/08/31@16:45:00}*
'DIA SDR'	130.0	306.0	3.5	{86/08/31@16:45:00}*
'DIA SDR'	160.0	308.0	3.5	{86/08/31@16:45:00}*
'DIA SDR'	190.0	300.0	2.8	{86/08/31@16:45:00}*
'DIA SDR'	220.0	294.0	2.8	{86/08/31@16:45:00}*
'DIA SDR'	250.0	310.0	2.4	{86/08/31@16:45:00}*
'DIA SDR'	280.0	334.0	1.7	{86/08/31@16:45:00}*
'DIA SDR'	310.0	4.0	1.5	{86/08/31@16:45:00}*
'DIA SDR'	340.0	336.0	1.3	{86/08/31@16:45:00}*
'DIA SDR'	370.0	342.0	2.3	{86/08/31@16:45:00}*
'DIA SDR'	400.0	342.0	2.2	{86/08/31@16:45:00}*
'DIA SDR'	430.0	-999999.0	0.9	{86/08/31@16:45:00}*
'DIA SDR'	460.0	43.0	1.0	M {86/08/31@16:45:00}*
'DIA SDR'	490.0	28.0	1.8	{86/08/31@16:45:00}*
'DIA SDR'	520.0	349.0	2.3	{86/08/31@16:45:00}*
'DVC SDR'	40.0	265.0	0.8	{86/08/31@16:45:00}*
'DVC SDR'	70.0	247.0	0.5	{86/08/31@16:45:00}*
'DVC SDR'	100.0	1.0	0.5	{86/08/31@16:45:00}*
'DVC SDR'	130.0	346.0	0.7	{86/08/31@16:45:00}*
'DVC SDR'	190.0	257.0	1.4	{86/08/31@16:45:00}*
'DVC SDR'	220.0	288.0	0.3	{86/08/31@16:45:00}*
'DVC SDR'	250.0	304.0	1.0	{86/08/31@16:45:00}*
'DVC SDR'	280.0	267.0	0.2	{86/08/31@16:45:00}*
'DVC SDR'	310.0	315.0	1.4	{86/08/31@16:45:00}*
'DVC SDR'	340.0	284.0	0.5	{86/08/31@16:45:00}*
'DVC SDR'	370.0	304.0	1.7	{86/08/31@16:45:00}*
'DVC SDR'	400.0	317.0	1.9	{86/08/31@16:45:00}*
'DVC SDR'	430.0	326.0	1.8	{86/08/31@16:45:00}*
'DVC SDR'	460.0	351.0	3.4	{86/08/31@16:45:00}*
'DVC SDR'	490.0	16.0	5.0	{86/08/31@16:45:00}*
'DVC SDR'	520.0	19.0	3.9	{86/08/31@16:45:00}*

'DVC SDR ' 580.0 352.0 2.5 {86/08/31@16:45:00}*

METDATASET '1986AUG31_170730'

SFC

'DVC SDR '	242.0	1.0	{86/08/31@17:15:00}
'OBISPO '	-99999.0	0.0	{86/08/31@16:45:00}
'ROBLES '	-99999.0	0.0	{86/08/31@16:47:00}
'MARIA WS'	-99999.0	0.0	{86/08/31@16:50:00}
'BUOY '	315.0	3.1	{86/08/31@17:00:00}*
'CEM TWR '	323.0	2.7	{86/08/31@17:15:00}
'FOOT TWR'	304.5	2.2	{86/08/31@17:15:00}
'SERV TWR'	338.3	1.1	{86/08/31@17:15:00}
'PECH TWR'	247.5	1.0	{86/08/31@17:18:00}
'DAVI TWR'	39.0	1.0	{86/08/31@18:00:00}
'GROVER '	270.0	2.2	{86/08/31@18:00:00}
'LEWIS '	292.0	0.9	{86/08/31@18:00:00}
'MARIA CD'	292.0	1.8	{86/08/31@18:00:00}
'MORRO '	240.0	0.9	{86/08/31@18:00:00}
'NIPOMO '	280.0	0.4	{86/08/31@18:00:00}
'PIEDRAS '	292.0	2.1	{86/08/31@18:00:00}*
'W NIPOMO'	275.0	1.8	{86/08/31@18:00:00}

TOW

'DIAB TWR'	10.0	292.2	4.4	{86/08/31@17:15:00}
'DIAB TWR'	60.0	294.4	5.0	{86/08/31@17:15:00}

UPR

'CEM SDR '	40.0	317.0	4.0	{86/08/31@17:15:00}
'CEM SDR '	70.0	311.0	4.0	{86/08/31@17:15:00}
'CEM SDR '	100.0	312.0	2.8	{86/08/31@17:15:00}
'CEM SDR '	130.0	305.0	4.7	{86/08/31@17:15:00}
'CEM SDR '	160.0	305.0	4.2	{86/08/31@17:15:00}
'CEM SDR '	190.0	296.0	3.6	{86/08/31@17:15:00}
'CEM SDR '	220.0	293.0	2.7	{86/08/31@17:15:00}
'CEM SDR '	250.0	279.0	2.2	{86/08/31@17:15:00}
'CEM SDR '	280.0	264.0	1.5	{86/08/31@17:15:00}
'CEM SDR '	310.0	243.0	1.3	{86/08/31@17:15:00}
'CEM SDR '	340.0	213.0	2.0	{86/08/31@17:15:00}
'CEM SDR '	370.0	228.0	2.6	{86/08/31@17:15:00}
'CEM SDR '	400.0	241.0	2.6	{86/08/31@17:15:00}
'CEM SDR '	430.0	264.0	2.9	{86/08/31@17:15:00}
'CEM SDR '	460.0	266.0	1.0	{86/08/31@17:15:00}
'CEM SDR '	490.0	241.0	1.7	{86/08/31@17:15:00}
'DIA SDR '	40.0	299.0	4.1	{86/08/31@17:15:00}
'DIA SDR '	70.0	297.0	4.2	{86/08/31@17:15:00}
'DIA SDR '	100.0	300.0	5.4	{86/08/31@17:15:00}
'DIA SDR '	130.0	303.0	5.1	{86/08/31@17:15:00}

'DIA SDR '	160.0	301.0	4.9	{86/08/31@17:15:00}
'DIA SDR '	190.0	301.0	4.2	{86/08/31@17:15:00}
'DIA SDR '	220.0	304.0	3.5	{86/08/31@17:15:00}
'DIA SDR '	250.0	304.0	3.2	{86/08/31@17:15:00}
'DIA SDR '	280.0	307.0	2.5	{86/08/31@17:15:00}
'DIA SDR '	310.0	311.0	1.8	{86/08/31@17:15:00}
'DIA SDR '	340.0	325.0	1.8	{86/08/31@17:15:00}
'DIA SDR '	370.0	330.0	1.4	{86/08/31@17:15:00}
'DIA SDR '	400.0	320.0	1.6	{86/08/31@17:15:00}
'DIA SDR '	430.0	324.0	1.7	{86/08/31@17:15:00}
'DIA SDR '	460.0	286.0	1.3	{86/08/31@17:15:00}
'DIA SDR '	490.0	332.0	1.5	{86/08/31@17:15:00}
'DIA SDR '	520.0	339.0	2.7	{86/08/31@17:15:00}
'DVC SDR '	40.0	242.0	1.0	{86/08/31@17:15:00}
'DVC SDR '	70.0	260.0	1.8	{86/08/31@17:15:00}
'DVC SDR '	100.0	224.0	1.6	{86/08/31@17:15:00}
'DVC SDR '	130.0	228.0	1.5	{86/08/31@17:15:00}
'DVC SDR '	160.0	215.0	1.8	{86/08/31@17:15:00}
'DVC SDR '	190.0	222.0	0.9	{86/08/31@17:15:00}
'DVC SDR '	220.0	262.0	0.8	{86/08/31@17:15:00}
'DVC SDR '	250.0	302.0	1.3	{86/08/31@17:15:00}
'DVC SDR '	280.0	295.0	1.2	{86/08/31@17:15:00}
'DVC SDR '	310.0	219.0	0.7	{86/08/31@17:15:00}
'DVC SDR '	340.0	225.0	0.6	{86/08/31@17:15:00}
'DVC SDR '	400.0	316.0	1.1	{86/08/31@17:15:00}
'DVC SDR '	430.0	332.0	1.2	{86/08/31@17:15:00}
'DVC SDR '	460.0	331.0	3.4	{86/08/31@17:15:00}
'DVC SDR '	490.0	2.0	3.5	{86/08/31@17:15:00}
'DVC SDR '	520.0	21.0	4.3	{86/08/31@17:15:00}
'DVC SDR '	550.0	30.0	2.8	{86/08/31@17:15:00}

METDATASET '1986AUG31_172230'

SFC

'DVC SDR '	242.0	1.0	{86/08/31@17:15:00}*
'BUOY '	315.0	3.1	{86/08/31@17:00:00}*
'CEM TWR '	323.0	2.7	{86/08/31@17:15:00}*
'FOOT TWR'	291.5	2.4	{86/08/31@17:30:00}
'SERV TWR'	335.6	0.2	{86/08/31@17:30:00}
'PECH TWR'	281.4	3.9	{86/08/31@17:33:00}
'ROBLES '	10.0	2.1	{86/08/31@17:47:00}
'MARIA WS'	300.0	2.1	{86/08/31@17:50:00}
'OBISPO '	-99999.0	0.0	{86/08/31@17:55:00}*
'DAVI TWR'	39.0	1.0	{86/08/31@18:00:00}
'GROVER '	270.0	2.2	{86/08/31@18:00:00}
'LEWIS '	292.0	0.9	{86/08/31@18:00:00}

'MARIA CD'	292.0	1.8	{86/08/31@18:00:00}	
'MORRO '	240.0	0.9	{86/08/31@18:00:00}	
'NIPOMO '	280.0	0.4	{86/08/31@18:00:00}	
'PIEDRAS '	292.0	2.1	{86/08/31@18:00:00}*	
'W NIPOMO'	275.0	1.8	{86/08/31@18:00:00}	
TOW				
'DIAB TWR'	10.0	292.8	4.5	{86/08/31@17:30:00}
'DIAB TWR'	60.0	297.8	4.8	{86/08/31@17:30:00}
UPR				
'CEM SDR '	40.0	317.0	4.0	{86/08/31@17:15:00}*
'CEM SDR '	70.0	311.0	4.0	{86/08/31@17:15:00}*
'CEM SDR '	100.0	312.0	2.8	{86/08/31@17:15:00}*
'CEM SDR '	130.0	305.0	4.7	{86/08/31@17:15:00}*
'CEM SDR '	160.0	305.0	4.2	{86/08/31@17:15:00}*
'CEM SDR '	190.0	296.0	3.6	{86/08/31@17:15:00}*
'CEM SDR '	220.0	293.0	2.7	{86/08/31@17:15:00}*
'CEM SDR '	250.0	279.0	2.2	{86/08/31@17:15:00}*
'CEM SDR '	280.0	264.0	1.5	{86/08/31@17:15:00}*
'CEM SDR '	310.0	243.0	1.3	{86/08/31@17:15:00}*
'CEM SDR '	340.0	213.0	2.0	{86/08/31@17:15:00}*
'CEM SDR '	370.0	228.0	2.6	{86/08/31@17:15:00}*
'CEM SDR '	400.0	241.0	2.6	{86/08/31@17:15:00}*
'CEM SDR '	430.0	264.0	2.9	{86/08/31@17:15:00}*
'CEM SDR '	460.0	266.0	1.0	{86/08/31@17:15:00}*
'CEM SDR '	490.0	241.0	1.7	{86/08/31@17:15:00}*
'DIA SDR '	40.0	299.0	4.1	{86/08/31@17:15:00}*
'DIA SDR '	70.0	297.0	4.2	{86/08/31@17:15:00}*
'DIA SDR '	100.0	300.0	5.4	{86/08/31@17:15:00}*
'DIA SDR '	130.0	303.0	5.1	{86/08/31@17:15:00}*
'DIA SDR '	160.0	301.0	4.9	{86/08/31@17:15:00}*
'DIA SDR '	190.0	301.0	4.2	{86/08/31@17:15:00}*
'DIA SDR '	220.0	304.0	3.5	{86/08/31@17:15:00}*
'DIA SDR '	250.0	304.0	3.2	{86/08/31@17:15:00}*
'DIA SDR '	280.0	307.0	2.5	{86/08/31@17:15:00}*
'DIA SDR '	310.0	311.0	1.8	{86/08/31@17:15:00}*
'DIA SDR '	340.0	325.0	1.8	{86/08/31@17:15:00}*
'DIA SDR '	370.0	330.0	1.4	{86/08/31@17:15:00}*
'DIA SDR '	400.0	320.0	1.6	{86/08/31@17:15:00}*
'DIA SDR '	430.0	324.0	1.7	{86/08/31@17:15:00}*
'DIA SDR '	460.0	286.0	1.3	{86/08/31@17:15:00}*
'DIA SDR '	490.0	332.0	1.5	{86/08/31@17:15:00}*
'DIA SDR '	520.0	339.0	2.7	{86/08/31@17:15:00}*
'DVC SDR '	40.0	242.0	1.0	{86/08/31@17:15:00}*
'DVC SDR '	70.0	260.0	1.8	{86/08/31@17:15:00}*
'DVC SDR '	100.0	224.0	1.6	{86/08/31@17:15:00}*
'DVC SDR '	130.0	228.0	1.5	{86/08/31@17:15:00}*

'DVC SDR '	160.0	215.0	1.8	{86/08/31@17:15:00}*
'DVC SDR '	190.0	222.0	0.9	{86/08/31@17:15:00}*
'DVC SDR '	220.0	262.0	0.8	{86/08/31@17:15:00}*
'DVC SDR '	250.0	302.0	1.3	{86/08/31@17:15:00}*
'DVC SDR '	280.0	295.0	1.2	{86/08/31@17:15:00}*
'DVC SDR '	310.0	219.0	0.7	{86/08/31@17:15:00}*
'DVC SDR '	340.0	225.0	0.6	{86/08/31@17:15:00}*
'DVC SDR '	400.0	316.0	1.1	{86/08/31@17:15:00}*
'DVC SDR '	430.0	332.0	1.2	{86/08/31@17:15:00}*
'DVC SDR '	460.0	331.0	3.4	{86/08/31@17:15:00}*
'DVC SDR '	490.0	2.0	3.5	{86/08/31@17:15:00}*
'DVC SDR '	520.0	21.0	4.3	{86/08/31@17:15:00}*
'DVC SDR '	550.0	30.0	2.8	{86/08/31@17:15:00}*

METDATASET '1986AUG31_173730'

SFC

'DVC SDR '	232.0	1.4		{86/08/31@17:45:00}
'BUOY '	315.0	3.1		{86/08/31@17:00:00}*
'CEM TWR '	301.0	3.4		{86/08/31@17:45:00}
'FOOT TWR'	279.3	2.5		{86/08/31@17:45:00}
'SERV TWR'	200.9	0.5		{86/08/31@17:45:00}
'ROBLES '	10.0	2.1		{86/08/31@17:47:00}
'PECH TWR'	282.4	4.8		{86/08/31@17:48:00}
'MARIA WS'	300.0	2.1		{86/08/31@17:50:00}
'OBISPO '	-99999.0	0.0		{86/08/31@17:55:00}
'DAVI TWR'	39.0	1.0		{86/08/31@18:00:00}
'GROVER '	270.0	2.2		{86/08/31@18:00:00}
'LEWIS '	292.0	0.9		{86/08/31@18:00:00}
'MARIA CD'	292.0	1.8		{86/08/31@18:00:00}
'MORRO '	240.0	0.9		{86/08/31@18:00:00}
'NIPOMO '	280.0	0.4		{86/08/31@18:00:00}
'PIEDRAS '	292.0	2.1		{86/08/31@18:00:00}*
'W NIPOMO'	275.0	1.8		{86/08/31@18:00:00}

TOW

'DIAB TWR'	10.0	289.2	4.5	{86/08/31@17:45:00}
'DIAB TWR'	60.0	299.7	4.6	{86/08/31@17:45:00}

UPR

'CEM SDR '	40.0	291.0	3.9	{86/08/31@17:45:00}
'CEM SDR '	70.0	288.0	3.3	{86/08/31@17:45:00}
'CEM SDR '	100.0	286.0	3.4	{86/08/31@17:45:00}
'CEM SDR '	130.0	300.0	4.0	{86/08/31@17:45:00}
'CEM SDR '	160.0	291.0	4.0	{86/08/31@17:45:00}
'CEM SDR '	190.0	289.0	4.2	{86/08/31@17:45:00}
'CEM SDR '	220.0	282.0	2.8	{86/08/31@17:45:00}
'CEM SDR '	250.0	299.0	3.0	{86/08/31@17:45:00}

'CEM SDR '	280.0	292.0	2.0	{86/08/31@17:45:00}
'CEM SDR '	310.0	250.0	1.9	{86/08/31@17:45:00}
'CEM SDR '	340.0	254.0	1.6	{86/08/31@17:45:00}
'CEM SDR '	370.0	228.0	1.9	{86/08/31@17:45:00}
'CEM SDR '	400.0	226.0	2.8	{86/08/31@17:45:00}
'CEM SDR '	430.0	244.0	3.0	{86/08/31@17:45:00}
'CEM SDR '	460.0	249.0	2.5	{86/08/31@17:45:00}
'CEM SDR '	490.0	223.0	1.8	{86/08/31@17:45:00}
'CEM SDR '	520.0	219.0	2.2	{86/08/31@17:45:00}
'CEM SDR '	550.0	250.0	0.6	{86/08/31@17:45:00}
'CEM SDR '	580.0	301.0	0.4	{86/08/31@17:45:00}
'DIA SDR '	40.0	288.0	4.6	{86/08/31@17:45:00}
'DIA SDR '	70.0	290.0	3.8	{86/08/31@17:45:00}
'DIA SDR '	100.0	315.0	4.3	{86/08/31@17:45:00}
'DIA SDR '	130.0	317.0	4.7	{86/08/31@17:45:00}
'DIA SDR '	160.0	315.0	4.8	{86/08/31@17:45:00}
'DIA SDR '	190.0	295.0	5.0	{86/08/31@17:45:00}
'DIA SDR '	220.0	307.0	4.9	{86/08/31@17:45:00}
'DIA SDR '	250.0	316.0	4.2	{86/08/31@17:45:00}
'DIA SDR '	280.0	310.0	3.6	{86/08/31@17:45:00}
'DIA SDR '	310.0	313.0	3.3	{86/08/31@17:45:00}
'DIA SDR '	340.0	323.0	2.5	{86/08/31@17:45:00}
'DIA SDR '	370.0	344.0	2.4	{86/08/31@17:45:00}
'DIA SDR '	400.0	336.0	1.8	{86/08/31@17:45:00}
'DIA SDR '	430.0	337.0	1.1	{86/08/31@17:45:00}
'DIA SDR '	460.0	338.0	0.9	{86/08/31@17:45:00}
'DIA SDR '	490.0	312.0	1.0	{86/08/31@17:45:00}
'DVC SDR '	40.0	232.0	1.4	{86/08/31@17:45:00}
'DVC SDR '	70.0	239.0	1.2	{86/08/31@17:45:00}
'DVC SDR '	100.0	216.0	1.6	{86/08/31@17:45:00}
'DVC SDR '	130.0	207.0	1.6	{86/08/31@17:45:00}
'DVC SDR '	160.0	246.0	1.6	{86/08/31@17:45:00}
'DVC SDR '	220.0	169.0	0.8	{86/08/31@17:45:00}
'DVC SDR '	250.0	302.0	1.5	{86/08/31@17:45:00}
'DVC SDR '	280.0	125.0	0.2	{86/08/31@17:45:00}
'DVC SDR '	310.0	165.0	0.3	{86/08/31@17:45:00}
'DVC SDR '	340.0	188.0	0.4	{86/08/31@17:45:00}
'DVC SDR '	370.0	199.0	1.1	{86/08/31@17:45:00}
'DVC SDR '	400.0	305.0	1.2	{86/08/31@17:45:00}
'DVC SDR '	430.0	326.0	2.0	{86/08/31@17:45:00}
'DVC SDR '	460.0	327.0	3.7	{86/08/31@17:45:00}
'DVC SDR '	490.0	355.0	3.5	{86/08/31@17:45:00}
'DVC SDR '	520.0	17.0	3.9	{86/08/31@17:45:00}
'DVC SDR '	550.0	23.0	3.7	{86/08/31@17:45:00}

METDATASET '1986AUG31_175230'

SFC

'DVC SDR '	232.0	1.4	{86/08/31@17:45:00}*}
'BUOY '	315.0	3.1	{86/08/31@17:00:00}*}
'CEM TWR '	301.0	3.4	{86/08/31@17:45:00}*}
'ROBLES '	10.0	2.1	{86/08/31@17:47:00}
'MARIA WS'	300.0	2.1	{86/08/31@17:50:00}
'OBISPO '	-99999.0	0.0	{86/08/31@17:55:00}
'DAVI TWR'	39.0	1.0	{86/08/31@18:00:00}
'FOOT TWR'	284.8	3.4	{86/08/31@18:00:00}
'GROVER '	270.0	2.2	{86/08/31@18:00:00}
'LEWIS '	292.0	0.9	{86/08/31@18:00:00}
'MARIA CD'	292.0	1.8	{86/08/31@18:00:00}
'MORRO '	240.0	0.9	{86/08/31@18:00:00}
'NIPOMO '	280.0	0.4	{86/08/31@18:00:00}
'PIEDRAS '	292.0	2.1	{86/08/31@18:00:00}
'SERV TWR'	94.5	0.4	{86/08/31@18:00:00}
'W NIPOMO'	275.0	1.8	{86/08/31@18:00:00}
'PECH TWR'	282.6	4.4	{86/08/31@18:03:00}

TOW

'DIAB TWR'	10.0	292.1	5.0	{86/08/31@18:00:00}
'DIAB TWR'	60.0	293.1	5.6	{86/08/31@18:00:00}

UPR

'CEM SDR '	40.0	291.0	3.9	{86/08/31@17:45:00}*}
'CEM SDR '	70.0	288.0	3.3	{86/08/31@17:45:00}*}
'CEM SDR '	100.0	286.0	3.4	{86/08/31@17:45:00}*}
'CEM SDR '	130.0	300.0	4.0	{86/08/31@17:45:00}*}
'CEM SDR '	160.0	291.0	4.0	{86/08/31@17:45:00}*}
'CEM SDR '	190.0	289.0	4.2	{86/08/31@17:45:00}*}
'CEM SDR '	220.0	282.0	2.8	{86/08/31@17:45:00}*}
'CEM SDR '	250.0	299.0	3.0	{86/08/31@17:45:00}*}
'CEM SDR '	280.0	292.0	2.0	{86/08/31@17:45:00}*}
'CEM SDR '	310.0	250.0	1.9	{86/08/31@17:45:00}*}
'CEM SDR '	340.0	254.0	1.6	{86/08/31@17:45:00}*}
'CEM SDR '	370.0	228.0	1.9	{86/08/31@17:45:00}*}
'CEM SDR '	400.0	226.0	2.8	{86/08/31@17:45:00}*}
'CEM SDR '	430.0	244.0	3.0	{86/08/31@17:45:00}*}
'CEM SDR '	460.0	249.0	2.5	{86/08/31@17:45:00}*}
'CEM SDR '	490.0	223.0	1.8	{86/08/31@17:45:00}*}
'CEM SDR '	520.0	219.0	2.2	{86/08/31@17:45:00}*}
'CEM SDR '	550.0	250.0	0.6	{86/08/31@17:45:00}*}
'CEM SDR '	580.0	301.0	0.4	{86/08/31@17:45:00}*}
'DIA SDR '	40.0	288.0	4.6	{86/08/31@17:45:00}*}
'DIA SDR '	70.0	290.0	3.8	{86/08/31@17:45:00}*}
'DIA SDR '	100.0	315.0	4.3	{86/08/31@17:45:00}*}
'DIA SDR '	130.0	317.0	4.7	{86/08/31@17:45:00}*}

'DIA SDR '	160.0	315.0	4.8	{86/08/31@17:45:00}*
'DIA SDR '	190.0	295.0	5.0	{86/08/31@17:45:00}*
'DIA SDR '	220.0	307.0	4.9	{86/08/31@17:45:00}*
'DIA SDR '	250.0	316.0	4.2	{86/08/31@17:45:00}*
'DIA SDR '	280.0	310.0	3.6	{86/08/31@17:45:00}*
'DIA SDR '	310.0	313.0	3.3	{86/08/31@17:45:00}*
'DIA SDR '	340.0	323.0	2.5	{86/08/31@17:45:00}*
'DIA SDR '	370.0	344.0	2.4	{86/08/31@17:45:00}*
'DIA SDR '	400.0	336.0	1.8	{86/08/31@17:45:00}*
'DIA SDR '	430.0	337.0	1.1	{86/08/31@17:45:00}*
'DIA SDR '	460.0	338.0	0.9	{86/08/31@17:45:00}*
'DIA SDR '	490.0	312.0	1.0	{86/08/31@17:45:00}*
'DVC SDR '	40.0	232.0	1.4	{86/08/31@17:45:00}*
'DVC SDR '	70.0	239.0	1.2	{86/08/31@17:45:00}*
'DVC SDR '	100.0	216.0	1.6	{86/08/31@17:45:00}*
'DVC SDR '	130.0	207.0	1.6	{86/08/31@17:45:00}*
'DVC SDR '	160.0	246.0	1.6	{86/08/31@17:45:00}*
'DVC SDR '	220.0	169.0	0.8	{86/08/31@17:45:00}*
'DVC SDR '	250.0	302.0	1.5	{86/08/31@17:45:00}*
'DVC SDR '	280.0	125.0	0.2	{86/08/31@17:45:00}*
'DVC SDR '	310.0	165.0	0.3	{86/08/31@17:45:00}*
'DVC SDR '	340.0	188.0	0.4	{86/08/31@17:45:00}*
'DVC SDR '	370.0	199.0	1.1	{86/08/31@17:45:00}*
'DVC SDR '	400.0	305.0	1.2	{86/08/31@17:45:00}*
'DVC SDR '	430.0	326.0	2.0	{86/08/31@17:45:00}*
'DVC SDR '	460.0	327.0	3.7	{86/08/31@17:45:00}*
'DVC SDR '	490.0	355.0	3.5	{86/08/31@17:45:00}*
'DVC SDR '	520.0	17.0	3.9	{86/08/31@17:45:00}*
'DVC SDR '	550.0	23.0	3.7	{86/08/31@17:45:00}*

METDATASET '1986AUG31_180730'

SFC

'DVC SDR '	174.0	3.0	{86/08/31@18:15:00}
'BUOY '	315.0	3.1	{86/08/31@17:00:00}*
'ROBLES '	10.0	2.1	{86/08/31@17:47:00}
'MARIA WS'	300.0	2.1	{86/08/31@17:50:00}
'OBISPO '	-99999.0	0.0	{86/08/31@17:55:00}
'PIEDRAS '	292.0	2.1	{86/08/31@18:00:00}*
'CEM TWR '	309.0	3.2	{86/08/31@18:15:00}
'FOOT TWR'	293.7	3.8	{86/08/31@18:15:00}
'SERV TWR'	223.1	1.2	{86/08/31@18:15:00}
'PECH TWR'	271.6	4.7	{86/08/31@18:18:00}
'DAVI TWR'	40.0	1.4	{86/08/31@19:00:00}
'GROVER '	250.0	2.7	{86/08/31@19:00:00}
'LEWIS '	319.0	1.3	{86/08/31@19:00:00}

'MARIA CD'	300.0	2.2	{86/08/31@19:00:00}
'MORRO '	260.0	1.8	{86/08/31@19:00:00}
'NIPOMO '	270.0	1.3	{86/08/31@19:00:00}
'W NIPOMO'	276.0	2.7	{86/08/31@19:00:00}
TOW			
'DIAB TWR'	10.0	290.5	5.1 {86/08/31@18:15:00}
'DIAB TWR'	60.0	296.5	5.7 {86/08/31@18:15:00}
UPR			
'CEM SDR '	40.0	314.0	4.1 {86/08/31@18:15:00}
'CEM SDR '	70.0	326.0	2.2 {86/08/31@18:15:00}
'CEM SDR '	100.0	237.0	1.9 {86/08/31@18:15:00}
'CEM SDR '	130.0	296.0	4.4 {86/08/31@18:15:00}
'CEM SDR '	160.0	265.0	5.1 {86/08/31@18:15:00}
'CEM SDR '	190.0	277.0	5.0 {86/08/31@18:15:00}
'CEM SDR '	220.0	290.0	5.0 {86/08/31@18:15:00}
'CEM SDR '	250.0	297.0	3.7 {86/08/31@18:15:00}
'CEM SDR '	280.0	290.0	3.2 {86/08/31@18:15:00}
'CEM SDR '	310.0	282.0	2.5 {86/08/31@18:15:00}
'CEM SDR '	340.0	264.0	1.8 {86/08/31@18:15:00}
'CEM SDR '	370.0	246.0	1.9 {86/08/31@18:15:00}
'CEM SDR '	400.0	212.0	2.0 {86/08/31@18:15:00}
'CEM SDR '	430.0	237.0	2.0 {86/08/31@18:15:00}
'CEM SDR '	460.0	255.0	2.0 {86/08/31@18:15:00}
'CEM SDR '	490.0	263.0	1.0 {86/08/31@18:15:00}
'CEM SDR '	520.0	302.0	1.4 {86/08/31@18:15:00}
'CEM SDR '	550.0	321.0	0.7 {86/08/31@18:15:00}
'CEM SDR '	580.0	18.0	0.4 {86/08/31@18:15:00}
'CEM SDR '	610.0	41.0	0.8 {86/08/31@18:15:00}
'DIA SDR '	40.0	291.0	5.5 {86/08/31@18:15:00}
'DIA SDR '	70.0	310.0	4.4 {86/08/31@18:15:00}
'DIA SDR '	100.0	297.0	6.2 {86/08/31@18:15:00}
'DIA SDR '	130.0	299.0	6.2 {86/08/31@18:15:00}
'DIA SDR '	160.0	303.0	6.3 {86/08/31@18:15:00}
'DIA SDR '	190.0	303.0	5.4 {86/08/31@18:15:00}
'DIA SDR '	220.0	312.0	4.7 {86/08/31@18:15:00}
'DIA SDR '	250.0	313.0	4.4 {86/08/31@18:15:00}
'DIA SDR '	280.0	319.0	3.6 {86/08/31@18:15:00}
'DIA SDR '	310.0	320.0	2.7 {86/08/31@18:15:00}
'DIA SDR '	340.0	314.0	2.3 {86/08/31@18:15:00}
'DIA SDR '	370.0	358.0	1.5 {86/08/31@18:15:00}
'DIA SDR '	400.0	35.0	1.7 {86/08/31@18:15:00}
'DIA SDR '	430.0	19.0	0.3 {86/08/31@18:15:00}
'DIA SDR '	460.0	22.0	0.8 {86/08/31@18:15:00}
'DIA SDR '	490.0	348.0	0.9 {86/08/31@18:15:00}
'DIA SDR '	520.0	334.0	2.6 {86/08/31@18:15:00}
'DVC SDR '	40.0	174.0	3.0 {86/08/31@18:15:00}

'DVC SDR '	70.0	192.0	2.8	{86/08/31@18:15:00}
'DVC SDR '	100.0	177.0	2.1	{86/08/31@18:15:00}
'DVC SDR '	130.0	178.0	1.7	{86/08/31@18:15:00}
'DVC SDR '	160.0	186.0	2.2	{86/08/31@18:15:00}
'DVC SDR '	190.0	222.0	1.4	{86/08/31@18:15:00}
'DVC SDR '	220.0	183.0	2.3	{86/08/31@18:15:00}
'DVC SDR '	250.0	193.0	2.2	{86/08/31@18:15:00}
'DVC SDR '	310.0	252.0	0.6	{86/08/31@18:15:00}
'DVC SDR '	340.0	219.0	0.8	{86/08/31@18:15:00}
'DVC SDR '	370.0	291.0	1.8	{86/08/31@18:15:00}
'DVC SDR '	400.0	304.0	1.4	{86/08/31@18:15:00}
'DVC SDR '	430.0	327.0	0.9	{86/08/31@18:15:00}
'DVC SDR '	460.0	340.0	3.1	{86/08/31@18:15:00}
'DVC SDR '	490.0	11.0	3.8	{86/08/31@18:15:00}
'DVC SDR '	520.0	19.0	4.7	{86/08/31@18:15:00}
'DVC SDR '	550.0	19.0	4.4	{86/08/31@18:15:00}

METDATASET '1986AUG31_182230'

SFC

'DVC SDR '	174.0	3.0		{86/08/31@18:15:00}*
'BUOY '	315.0	3.1		{86/08/31@17:00:00}*
'OBISPO '	-99999.0	0.0		{86/08/31@17:55:00}
'PIEDRAS '	292.0	2.1		{86/08/31@18:00:00}*
'CEM TWR '	309.0	3.2		{86/08/31@18:15:00}*
'FOOT TWR'	292.1	3.9		{86/08/31@18:30:00}
'SERV TWR'	183.4	1.4		{86/08/31@18:30:00}
'PECH TWR'	279.1	5.5		{86/08/31@18:33:00}
'ROBLES '	320.0	2.1		{86/08/31@18:47:00}
'MARIA WS'	310.0	3.6		{86/08/31@18:50:00}
'DAVI TWR'	40.0	1.4		{86/08/31@19:00:00}
'GROVER '	250.0	2.7		{86/08/31@19:00:00}
'LEWIS '	319.0	1.3		{86/08/31@19:00:00}
'MARIA CD'	300.0	2.2		{86/08/31@19:00:00}
'MORRO '	260.0	1.8		{86/08/31@19:00:00}
'NIPOMO '	270.0	1.3		{86/08/31@19:00:00}
'W NIPOMO'	276.0	2.7		{86/08/31@19:00:00}

TOW

'DIAB TWR'	10.0	292.4	4.8	{86/08/31@18:30:00}
'DIAB TWR'	60.0	294.5	5.3	{86/08/31@18:30:00}

UPR

'CEM SDR '	40.0	314.0	4.1	{86/08/31@18:15:00}*
'CEM SDR '	70.0	326.0	2.2	{86/08/31@18:15:00}*
'CEM SDR '	100.0	237.0	1.9	{86/08/31@18:15:00}*
'CEM SDR '	130.0	296.0	4.4	{86/08/31@18:15:00}*
'CEM SDR '	160.0	265.0	5.1	{86/08/31@18:15:00}*

'CEM SDR '	190.0	277.0	5.0	{86/08/31@18:15:00}*
'CEM SDR '	220.0	290.0	5.0	{86/08/31@18:15:00}*
'CEM SDR '	250.0	297.0	3.7	{86/08/31@18:15:00}*
'CEM SDR '	280.0	290.0	3.2	{86/08/31@18:15:00}*
'CEM SDR '	310.0	282.0	2.5	{86/08/31@18:15:00}*
'CEM SDR '	340.0	264.0	1.8	{86/08/31@18:15:00}*
'CEM SDR '	370.0	246.0	1.9	{86/08/31@18:15:00}*
'CEM SDR '	400.0	212.0	2.0	{86/08/31@18:15:00}*
'CEM SDR '	430.0	237.0	2.0	{86/08/31@18:15:00}*
'CEM SDR '	460.0	255.0	2.0	{86/08/31@18:15:00}*
'CEM SDR '	490.0	263.0	1.0	{86/08/31@18:15:00}*
'CEM SDR '	520.0	302.0	1.4	{86/08/31@18:15:00}*
'CEM SDR '	550.0	321.0	0.7	{86/08/31@18:15:00}*
'CEM SDR '	580.0	18.0	0.4	{86/08/31@18:15:00}*
'CEM SDR '	610.0	41.0	0.8	{86/08/31@18:15:00}*
'DIA SDR '	40.0	291.0	5.5	{86/08/31@18:15:00}*
'DIA SDR '	70.0	310.0	4.4	{86/08/31@18:15:00}*
'DIA SDR '	100.0	297.0	6.2	{86/08/31@18:15:00}*
'DIA SDR '	130.0	299.0	6.2	{86/08/31@18:15:00}*
'DIA SDR '	160.0	303.0	6.3	{86/08/31@18:15:00}*
'DIA SDR '	190.0	303.0	5.4	{86/08/31@18:15:00}*
'DIA SDR '	220.0	312.0	4.7	{86/08/31@18:15:00}*
'DIA SDR '	250.0	313.0	4.4	{86/08/31@18:15:00}*
'DIA SDR '	280.0	319.0	3.6	{86/08/31@18:15:00}*
'DIA SDR '	310.0	320.0	2.7	{86/08/31@18:15:00}*
'DIA SDR '	340.0	314.0	2.3	{86/08/31@18:15:00}*
'DIA SDR '	370.0	358.0	1.5	{86/08/31@18:15:00}*
'DIA SDR '	400.0	35.0	1.7	{86/08/31@18:15:00}*
'DIA SDR '	430.0	19.0	0.3	{86/08/31@18:15:00}*
'DIA SDR '	460.0	22.0	0.8	{86/08/31@18:15:00}*
'DIA SDR '	490.0	348.0	0.9	{86/08/31@18:15:00}*
'DIA SDR '	520.0	334.0	2.6	{86/08/31@18:15:00}*
'DVC SDR '	40.0	174.0	3.0	{86/08/31@18:15:00}*
'DVC SDR '	70.0	192.0	2.8	{86/08/31@18:15:00}*
'DVC SDR '	100.0	177.0	2.1	{86/08/31@18:15:00}*
'DVC SDR '	130.0	178.0	1.7	{86/08/31@18:15:00}*
'DVC SDR '	160.0	186.0	2.2	{86/08/31@18:15:00}*
'DVC SDR '	190.0	222.0	1.4	{86/08/31@18:15:00}*
'DVC SDR '	220.0	183.0	2.3	{86/08/31@18:15:00}*
'DVC SDR '	250.0	193.0	2.2	{86/08/31@18:15:00}*
'DVC SDR '	310.0	252.0	0.6	{86/08/31@18:15:00}*
'DVC SDR '	340.0	219.0	0.8	{86/08/31@18:15:00}*
'DVC SDR '	370.0	291.0	1.8	{86/08/31@18:15:00}*
'DVC SDR '	400.0	304.0	1.4	{86/08/31@18:15:00}*
'DVC SDR '	430.0	327.0	0.9	{86/08/31@18:15:00}*
'DVC SDR '	460.0	340.0	3.1	{86/08/31@18:15:00}*

'DVC SDR '	490.0	11.0	3.8	{86/08/31@18:15:00}*
'DVC SDR '	520.0	19.0	4.7	{86/08/31@18:15:00}*
'DVC SDR '	550.0	19.0	4.4	{86/08/31@18:15:00}*

METDATASET '1986AUG31_183730'

SFC

'DVC SDR '	179.0	3.0		{86/08/31@18:45:00}
'PIEDRAS '	292.0	2.1		{86/08/31@18:00:00}*
'CEM TWR '	318.0	3.2		{86/08/31@18:45:00}
'FOOT TWR'	287.9	3.5		{86/08/31@18:45:00}
'SERV TWR'	258.4	0.7		{86/08/31@18:45:00}
'ROBLES '	320.0	2.1		{86/08/31@18:47:00}
'PECH TWR'	279.4	5.5		{86/08/31@18:48:00}
'MARIA WS'	310.0	3.6		{86/08/31@18:50:00}
'OBISPO '	-99999.0	0.0		{86/08/31@18:57:00}
'DAVI TWR'	40.0	1.4		{86/08/31@19:00:00}
'GROVER '	250.0	2.7		{86/08/31@19:00:00}
'LEWIS '	319.0	1.3		{86/08/31@19:00:00}
'MARIA CD'	300.0	2.2		{86/08/31@19:00:00}
'MORRO '	260.0	1.8		{86/08/31@19:00:00}
'NIPOMO '	270.0	1.3		{86/08/31@19:00:00}
'W NIPOMO'	276.0	2.7		{86/08/31@19:00:00}
'BUOY '	315.0	5.1		{86/08/31@20:00:00}*

TOW

'DIAB TWR'	10.0	292.0	4.9	{86/08/31@18:45:00}
'DIAB TWR'	60.0	291.9	5.3	{86/08/31@18:45:00}

UPR

'CEM SDR '	40.0	305.0	5.4	{86/08/31@18:45:00}
'CEM SDR '	70.0	309.0	4.3	{86/08/31@18:45:00}
'CEM SDR '	100.0	303.0	4.8	{86/08/31@18:45:00}
'CEM SDR '	130.0	312.0	4.0	{86/08/31@18:45:00}
'CEM SDR '	160.0	303.0	3.6	{86/08/31@18:45:00}
'CEM SDR '	220.0	291.0	2.6	{86/08/31@18:45:00}
'CEM SDR '	250.0	280.0	2.1	{86/08/31@18:45:00}
'CEM SDR '	280.0	276.0	2.7	{86/08/31@18:45:00}
'CEM SDR '	310.0	250.0	2.2	{86/08/31@18:45:00}
'CEM SDR '	340.0	234.0	2.4	{86/08/31@18:45:00}
'CEM SDR '	370.0	208.0	1.9	{86/08/31@18:45:00}
'CEM SDR '	400.0	245.0	1.0	{86/08/31@18:45:00}
'CEM SDR '	430.0	302.0	1.8	{86/08/31@18:45:00}
'CEM SDR '	460.0	291.0	1.1	{86/08/31@18:45:00}
'CEM SDR '	490.0	298.0	1.7	{86/08/31@18:45:00}
'CEM SDR '	520.0	314.0	1.5	{86/08/31@18:45:00}
'CEM SDR '	580.0	348.0	0.9	{86/08/31@18:45:00}
'DIA SDR '	40.0	284.0	5.4	{86/08/31@18:45:00}

'DIA SDR '	70.0	283.0	5.2	{86/08/31@18:45:00}
'DIA SDR '	100.0	298.0	5.7	{86/08/31@18:45:00}
'DIA SDR '	130.0	303.0	5.3	{86/08/31@18:45:00}
'DIA SDR '	160.0	298.0	5.6	{86/08/31@18:45:00}
'DIA SDR '	190.0	300.0	5.3	{86/08/31@18:45:00}
'DIA SDR '	220.0	301.0	4.7	{86/08/31@18:45:00}
'DIA SDR '	250.0	303.0	4.1	{86/08/31@18:45:00}
'DIA SDR '	280.0	305.0	2.9	{86/08/31@18:45:00}
'DIA SDR '	310.0	310.0	2.5	{86/08/31@18:45:00}
'DIA SDR '	340.0	310.0	1.6	{86/08/31@18:45:00}
'DIA SDR '	370.0	12.0	1.3	{86/08/31@18:45:00}
'DIA SDR '	400.0	40.0	0.7	{86/08/31@18:45:00}
'DIA SDR '	430.0	72.0	1.2	{86/08/31@18:45:00}
'DIA SDR '	460.0	38.0	0.4	{86/08/31@18:45:00}
'DIA SDR '	490.0	308.0	1.5	{86/08/31@18:45:00}
'DIA SDR '	520.0	317.0	2.9	{86/08/31@18:45:00}
'DVC SDR '	40.0	179.0	3.0	{86/08/31@18:45:00}
'DVC SDR '	70.0	192.0	2.4	{86/08/31@18:45:00}
'DVC SDR '	100.0	170.0	3.2	{86/08/31@18:45:00}
'DVC SDR '	130.0	208.0	1.8	{86/08/31@18:45:00}
'DVC SDR '	160.0	204.0	2.1	{86/08/31@18:45:00}
'DVC SDR '	190.0	185.0	3.4	{86/08/31@18:45:00}
'DVC SDR '	220.0	201.0	2.5	{86/08/31@18:45:00}
'DVC SDR '	250.0	220.0	2.1	{86/08/31@18:45:00}
'DVC SDR '	280.0	236.0	1.5	{86/08/31@18:45:00}
'DVC SDR '	310.0	322.0	1.0	{86/08/31@18:45:00}
'DVC SDR '	340.0	53.0	1.4	{86/08/31@18:45:00}
'DVC SDR '	370.0	80.0	2.3	{86/08/31@18:45:00}
'DVC SDR '	400.0	1.0	3.9	{86/08/31@18:45:00}
'DVC SDR '	430.0	358.0	5.2	{86/08/31@18:45:00}
'DVC SDR '	460.0	358.0	5.6	{86/08/31@18:45:00}
'DVC SDR '	490.0	354.0	5.6	{86/08/31@18:45:00}
'DVC SDR '	520.0	5.0	6.6	{86/08/31@18:45:00}

METDATASET '1986AUG31_185230'

SFC

'DVC SDR '	179.0	3.0	{86/08/31@18:45:00}*
'PIEDRAS '	292.0	2.1	{86/08/31@18:00:00}*
'CEM TWR '	318.0	3.2	{86/08/31@18:45:00}*
'ROBLES '	320.0	2.1	{86/08/31@18:47:00}
'MARIA WS'	310.0	3.6	{86/08/31@18:50:00}
'OBISPO '	-99999.0	0.0	{86/08/31@18:57:00}
'DAVI TWR'	40.0	1.4	{86/08/31@19:00:00}
'FOOT TWR'	286.9	3.7	{86/08/31@19:00:00}
'GROVER '	250.0	2.7	{86/08/31@19:00:00}

'LEWIS '	319.0	1.3	{86/08/31@19:00:00}
'MARIA CD'	300.0	2.2	{86/08/31@19:00:00}
'MORRO '	260.0	1.8	{86/08/31@19:00:00}
'NIPOMO '	270.0	1.3	{86/08/31@19:00:00}
'SERV TWR'	232.0	1.2	{86/08/31@19:00:00}
'W NIPOMO'	276.0	2.7	{86/08/31@19:00:00}
'PECH TWR'	276.5	5.1	{86/08/31@19:03:00}
'BUOY '	315.0	5.1	{86/08/31@20:00:00}*
TOW			
'DIAB TWR'	10.0	290.1	4.7 {86/08/31@19:00:00}
'DIAB TWR'	60.0	292.8	5.1 {86/08/31@19:00:00}
UPR			
'CEM SDR '	40.0	305.0	5.4 {86/08/31@18:45:00}*
'CEM SDR '	70.0	309.0	4.3 {86/08/31@18:45:00}*
'CEM SDR '	100.0	303.0	4.8 {86/08/31@18:45:00}*
'CEM SDR '	130.0	312.0	4.0 {86/08/31@18:45:00}*
'CEM SDR '	160.0	303.0	3.6 {86/08/31@18:45:00}*
'CEM SDR '	220.0	291.0	2.6 {86/08/31@18:45:00}*
'CEM SDR '	250.0	280.0	2.1 {86/08/31@18:45:00}*
'CEM SDR '	280.0	276.0	2.7 {86/08/31@18:45:00}*
'CEM SDR '	310.0	250.0	2.2 {86/08/31@18:45:00}*
'CEM SDR '	340.0	234.0	2.4 {86/08/31@18:45:00}*
'CEM SDR '	370.0	208.0	1.9 {86/08/31@18:45:00}*
'CEM SDR '	400.0	245.0	1.0 {86/08/31@18:45:00}*
'CEM SDR '	430.0	302.0	1.8 {86/08/31@18:45:00}*
'CEM SDR '	460.0	291.0	1.1 {86/08/31@18:45:00}*
'CEM SDR '	490.0	298.0	1.7 {86/08/31@18:45:00}*
'CEM SDR '	520.0	314.0	1.5 {86/08/31@18:45:00}*
'CEM SDR '	580.0	348.0	0.9 {86/08/31@18:45:00}*
'DIA SDR '	40.0	284.0	5.4 {86/08/31@18:45:00}*
'DIA SDR '	70.0	283.0	5.2 {86/08/31@18:45:00}*
'DIA SDR '	100.0	298.0	5.7 {86/08/31@18:45:00}*
'DIA SDR '	130.0	303.0	5.3 {86/08/31@18:45:00}*
'DIA SDR '	160.0	298.0	5.6 {86/08/31@18:45:00}*
'DIA SDR '	190.0	300.0	5.3 {86/08/31@18:45:00}*
'DIA SDR '	220.0	301.0	4.7 {86/08/31@18:45:00}*
'DIA SDR '	250.0	303.0	4.1 {86/08/31@18:45:00}*
'DIA SDR '	280.0	305.0	2.9 {86/08/31@18:45:00}*
'DIA SDR '	310.0	310.0	2.5 {86/08/31@18:45:00}*
'DIA SDR '	340.0	310.0	1.6 {86/08/31@18:45:00}*
'DIA SDR '	370.0	12.0	1.3 {86/08/31@18:45:00}*
'DIA SDR '	400.0	40.0	0.7 {86/08/31@18:45:00}*
'DIA SDR '	430.0	72.0	1.2 {86/08/31@18:45:00}*
'DIA SDR '	460.0	38.0	0.4 {86/08/31@18:45:00}*
'DIA SDR '	490.0	308.0	1.5 {86/08/31@18:45:00}*
'DIA SDR '	520.0	317.0	2.9 {86/08/31@18:45:00}*

'DVC SDR '	40.0	179.0	3.0	{86/08/31@18:45:00}*
'DVC SDR '	70.0	192.0	2.4	{86/08/31@18:45:00}*
'DVC SDR '	100.0	170.0	3.2	{86/08/31@18:45:00}*
'DVC SDR '	130.0	208.0	1.8	{86/08/31@18:45:00}*
'DVC SDR '	160.0	204.0	2.1	{86/08/31@18:45:00}*
'DVC SDR '	190.0	185.0	3.4	{86/08/31@18:45:00}*
'DVC SDR '	220.0	201.0	2.5	{86/08/31@18:45:00}*
'DVC SDR '	250.0	220.0	2.1	{86/08/31@18:45:00}*
'DVC SDR '	280.0	236.0	1.5	{86/08/31@18:45:00}*
'DVC SDR '	310.0	322.0	1.0	{86/08/31@18:45:00}*
'DVC SDR '	340.0	53.0	1.4	{86/08/31@18:45:00}*
'DVC SDR '	370.0	80.0	2.3	{86/08/31@18:45:00}*
'DVC SDR '	400.0	1.0	3.9	{86/08/31@18:45:00}*
'DVC SDR '	430.0	358.0	5.2	{86/08/31@18:45:00}*
'DVC SDR '	460.0	358.0	5.6	{86/08/31@18:45:00}*
'DVC SDR '	490.0	354.0	5.6	{86/08/31@18:45:00}*
'DVC SDR '	520.0	5.0	6.6	{86/08/31@18:45:00}*

METDATASET '1986AUG31 190730'

SFC

'DVC SDR'	179.0	3.0	{86/08/31@18:45:00}*
'PIEDRAS'	292.0	2.1	{86/08/31@18:00:00}*
'ROBLES'	320.0	2.1	{86/08/31@18:47:00}
'MARIA WS'	310.0	3.6	{86/08/31@18:50:00}
'OBISPO'	-99999.0	0.0	{86/08/31@18:57:00}
'CEM TWR'	325.0	3.5	{86/08/31@19:15:00}
'FOOT TWR'	306.3	3.2	{86/08/31@19:15:00}
'SERV TWR'	228.9	3.3	{86/08/31@19:15:00}
'PECH TWR'	269.1	5.0	{86/08/31@19:18:00}
'BUOY'	315.0	5.1	{86/08/31@20:00:00}*
'DAVI TWR'	123.0	1.4	{86/08/31@20:00:00}
'GROVER'	260.0	2.7	{86/08/31@20:00:00}
'LEWIS'	182.0	4.0	{86/08/31@20:00:00}
'MARIA CD'	290.0	3.1	{86/08/31@20:00:00}
'MORRO'	260.0	2.2	{86/08/31@20:00:00}
'NIPOMO'	280.0	1.3	{86/08/31@20:00:00}
'W NIPOMO'	272.0	3.1	{86/08/31@20:00:00}

TOW

'DIAB TWR' 10.0 291.1 4.7 {86/08/31@19:15:00}
'DIAB TWR' 60.0 292.6 5.2 {86/08/31@19:15:00}

JUPR

'CEM SDR' 40.0 308.0 3.8 {86/08/31@19:15:00}
'CEM SDR' 100.0 328.0 3.6 {86/08/31@19:15:00}
'CEM SDR' 130.0 327.0 2.5 {86/08/31@19:15:00}
'CEM SDR' 160.0 306.0 4.3 {86/08/31@19:15:00}

'CEM SDR '	190.0	302.0	3.9	{86/08/31@19:15:00}
'CEM SDR '	220.0	292.0	3.0	{86/08/31@19:15:00}
'CEM SDR '	250.0	282.0	2.1	{86/08/31@19:15:00}
'CEM SDR '	280.0	236.0	1.9	{86/08/31@19:15:00}
'CEM SDR '	310.0	214.0	2.2	{86/08/31@19:15:00}
'CEM SDR '	340.0	195.0	1.5	{86/08/31@19:15:00}
'CEM SDR '	355.0	305.0	1.0	{fake ob to force veering profile}
'CEM SDR '	370.0	60.0	0.6	{86/08/31@19:15:00}
'CEM SDR '	400.0	49.0	0.7	{86/08/31@19:15:00}
'CEM SDR '	430.0	138.0	0.3	{86/08/31@19:15:00}
'CEM SDR '	460.0	226.0	1.3	{86/08/31@19:15:00}
'CEM SDR '	490.0	134.0	0.7	{86/08/31@19:15:00}
'CEM SDR '	520.0	282.0	1.5	{86/08/31@19:15:00}
'DIA SDR '	40.0	298.0	4.7	{86/08/31@19:15:00}
'DIA SDR '	70.0	287.0	5.1	{86/08/31@19:15:00}
'DIA SDR '	100.0	293.0	5.8	{86/08/31@19:15:00}
'DIA SDR '	130.0	293.0	5.3	{86/08/31@19:15:00}
'DIA SDR '	160.0	300.0	5.4	{86/08/31@19:15:00}
'DIA SDR '	190.0	317.0	4.6	{86/08/31@19:15:00}
'DIA SDR '	220.0	311.0	3.9	{86/08/31@19:15:00}
'DIA SDR '	250.0	321.0	2.8	{86/08/31@19:15:00}
'DIA SDR '	280.0	308.0	1.5	{86/08/31@19:15:00}
'DIA SDR '	310.0	328.0	0.9	{86/08/31@19:15:00}
'DIA SDR '	340.0	246.0	0.5	{86/08/31@19:15:00}
'DIA SDR '	370.0	19.0	0.8	{86/08/31@19:15:00}
'DIA SDR '	400.0	46.0	0.8	{86/08/31@19:15:00}
'DIA SDR '	430.0	358.0	1.1	{86/08/31@19:15:00}
'DIA SDR '	460.0	319.0	1.4	{86/08/31@19:15:00}
'DIA SDR '	490.0	317.0	2.5	{86/08/31@19:15:00}
'DVC SDR '	70.0	221.0	2.8	{86/08/31@19:15:00}
'DVC SDR '	100.0	172.0	4.3	{86/08/31@19:15:00}
'DVC SDR '	130.0	184.0	3.3	{86/08/31@19:15:00}
'DVC SDR '	160.0	224.0	2.8	{86/08/31@19:15:00}
'DVC SDR '	190.0	198.0	2.8	{86/08/31@19:15:00}
'DVC SDR '	220.0	234.0	2.3	{86/08/31@19:15:00}
'DVC SDR '	250.0	237.0	3.2	{86/08/31@19:15:00}
'DVC SDR '	280.0	308.0	2.3	{86/08/31@19:15:00}
'DVC SDR '	310.0	329.0	0.9	{86/08/31@19:15:00}
'DVC SDR '	340.0	59.0	1.5	{86/08/31@19:15:00}
'DVC SDR '	370.0	64.0	2.6	{86/08/31@19:15:00}
'DVC SDR '	400.0	45.0	4.2	{86/08/31@19:15:00}
'DVC SDR '	430.0	27.0	3.4	{86/08/31@19:15:00}
'DVC SDR '	460.0	32.0	3.0	{86/08/31@19:15:00}
'DVC SDR '	490.0	4.0	3.8	{86/08/31@19:15:00}
'DVC SDR '	520.0	10.0	3.9	{86/08/31@19:15:00}
'DVC SDR '	550.0	31.0	4.1	{86/08/31@19:15:00}

METDATASET '1986AUG31_192230'

SFC

'DIA SDR '	160.0	300.0	5.4	{86/08/31@19:15:00}*
'DIA SDR '	190.0	317.0	4.6	{86/08/31@19:15:00}*
'DIA SDR '	220.0	311.0	3.9	{86/08/31@19:15:00}*
'DIA SDR '	250.0	321.0	2.8	{86/08/31@19:15:00}*
'DIA SDR '	280.0	308.0	1.5	{86/08/31@19:15:00}*
'DIA SDR '	310.0	328.0	0.9	{86/08/31@19:15:00}*
'DIA SDR '	340.0	246.0	0.5	{86/08/31@19:15:00}*
'DIA SDR '	370.0	19.0	0.8	{86/08/31@19:15:00}*
'DIA SDR '	400.0	46.0	0.8	{86/08/31@19:15:00}*
'DIA SDR '	430.0	358.0	1.1	{86/08/31@19:15:00}*
'DIA SDR '	460.0	319.0	1.4	{86/08/31@19:15:00}*
'DIA SDR '	490.0	317.0	2.5	{86/08/31@19:15:00}*
'DVC SDR '	70.0	221.0	2.8	{86/08/31@19:15:00}*
'DVC SDR '	100.0	172.0	4.3	{86/08/31@19:15:00}*
'DVC SDR '	130.0	184.0	3.3	{86/08/31@19:15:00}*
'DVC SDR '	160.0	224.0	2.8	{86/08/31@19:15:00}*
'DVC SDR '	190.0	198.0	2.8	{86/08/31@19:15:00}*
'DVC SDR '	220.0	234.0	2.3	{86/08/31@19:15:00}*
'DVC SDR '	250.0	237.0	3.2	{86/08/31@19:15:00}*
'DVC SDR '	280.0	308.0	2.3	{86/08/31@19:15:00}*
'DVC SDR '	310.0	329.0	0.9	{86/08/31@19:15:00}*
'DVC SDR '	340.0	59.0	1.5	{86/08/31@19:15:00}*
'DVC SDR '	370.0	64.0	2.6	{86/08/31@19:15:00}*
'DVC SDR '	400.0	45.0	4.2	{86/08/31@19:15:00}*
'DVC SDR '	430.0	27.0	3.4	{86/08/31@19:15:00}*
'DVC SDR '	460.0	32.0	3.0	{86/08/31@19:15:00}*
'DVC SDR '	490.0	4.0	3.8	{86/08/31@19:15:00}*
'DVC SDR '	520.0	10.0	3.9	{86/08/31@19:15:00}*
'DVC SDR '	550.0	31.0	4.1	{86/08/31@19:15:00}*

METDATASET '1986AUG31_193730'

SFC

'DVC SDR '	172.0	3.8	{86/08/31@19:45:00}
'CEM TWR '	316.0	3.1	{86/08/31@19:45:00}
'FOOT TWR'	297.5	3.8	{86/08/31@19:45:00}
'SERV TWR'	232.5	3.8	{86/08/31@19:45:00}
'ROBLES '	310.0	3.6	{86/08/31@19:47:00}
'OBISPO '	-99999.0	0.0	{86/08/31@19:48:00}
'PECH TWR'	271.3	4.7	{86/08/31@19:48:00}
'MARIA WS'	320.0	3.6	{86/08/31@19:50:00}
'BUOY '	315.0	5.1	{86/08/31@20:00:00}*
'DAVI TWR'	123.0	1.4	{86/08/31@20:00:00}
'GROVER '	260.0	2.7	{86/08/31@20:00:00}
'LEWIS '	182.0	4.0	{86/08/31@20:00:00}
'MARIA CD'	290.0	3.1	{86/08/31@20:00:00}

'MORRO '	260.0	2.2	{86/08/31@20:00:00}
'NIPOMO '	280.0	1.3	{86/08/31@20:00:00}
'W NIPOMO'	272.0	3.1	{86/08/31@20:00:00}
'PIEDRAS '	292.0	5.7	{86/08/31@21:00:00}*
TOW			
'DIAB TWR'	10.0	289.8	3.9 {86/08/31@19:45:00}
'DIAB TWR'	60.0	288.1	4.6 {86/08/31@19:45:00}
UPR			
'CEM SDR '	40.0	274.0	2.4 {86/08/31@19:45:00}
'CEM SDR '	70.0	286.0	5.4 {86/08/31@19:45:00}
'CEM SDR '	100.0	274.0	2.2 {86/08/31@19:45:00}
'CEM SDR '	130.0	300.0	5.0 {86/08/31@19:45:00}
'CEM SDR '	160.0	303.0	3.8 {86/08/31@19:45:00}
'CEM SDR '	190.0	295.0	4.9 {86/08/31@19:45:00}
'CEM SDR '	220.0	297.0	2.2 {86/08/31@19:45:00}
'CEM SDR '	250.0	283.0	1.4 {86/08/31@19:45:00}
'CEM SDR '	280.0	266.0	0.5 {86/08/31@19:45:00}
'CEM SDR '	310.0	44.0	0.8 {86/08/31@19:45:00}
'CEM SDR '	340.0	46.0	0.5 {86/08/31@19:45:00}
'CEM SDR '	370.0	304.0	0.4 {86/08/31@19:45:00}
'CEM SDR '	400.0	163.0	0.3 {86/08/31@19:45:00}
'CEM SDR '	430.0	193.0	1.0 {86/08/31@19:45:00}
'CEM SDR '	460.0	206.0	1.5 {86/08/31@19:45:00}
'CEM SDR '	490.0	255.0	1.2 {86/08/31@19:45:00}
'CEM SDR '	520.0	240.0	0.9 {86/08/31@19:45:00}
'CEM SDR '	550.0	244.0	0.4 {86/08/31@19:45:00}
'DIA SDR '	40.0	300.0	4.4 {86/08/31@19:45:00}
'DIA SDR '	70.0	283.0	3.0 {86/08/31@19:45:00}
'DIA SDR '	100.0	293.0	4.5 {86/08/31@19:45:00}
'DIA SDR '	130.0	296.0	4.9 {86/08/31@19:45:00}
'DIA SDR '	160.0	301.0	4.3 {86/08/31@19:45:00}
'DIA SDR '	190.0	309.0	4.2 {86/08/31@19:45:00}
'DIA SDR '	220.0	316.0	3.4 {86/08/31@19:45:00}
'DIA SDR '	250.0	328.0	2.3 {86/08/31@19:45:00}
'DIA SDR '	280.0	321.0	0.9 {86/08/31@19:45:00}
'DIA SDR '	295.0	62.5	0.6 {fake ob to force veering profile}
'DIA SDR '	310.0	164.0	0.4 {86/08/31@19:45:00}
'DIA SDR '	340.0	122.0	0.4 {86/08/31@19:45:00}
'DIA SDR '	370.0	104.0	0.5 {86/08/31@19:45:00}
'DIA SDR '	400.0	71.0	1.2 {86/08/31@19:45:00}
'DIA SDR '	430.0	53.0	2.2 {86/08/31@19:45:00}
'DIA SDR '	460.0	340.0	1.5 {86/08/31@19:45:00}
'DIA SDR '	490.0	331.0	2.4 {86/08/31@19:45:00}
'DVC SDR '	40.0	172.0	3.8 {86/08/31@19:45:00}
'DVC SDR '	100.0	178.0	3.8 {86/08/31@19:45:00}
'DVC SDR '	130.0	173.0	3.4 {86/08/31@19:45:00}

'DVC SDR '	160.0	223.0	2.6	{86/08/31@19:45:00}
'DVC SDR '	190.0	235.0	2.4	{86/08/31@19:45:00}
'DVC SDR '	220.0	233.0	2.4	{86/08/31@19:45:00}
'DVC SDR '	250.0	264.0	1.9	{86/08/31@19:45:00}
'DVC SDR '	280.0	286.0	1.9	{86/08/31@19:45:00}
'DVC SDR '	310.0	337.0	1.2	{86/08/31@19:45:00}
'DVC SDR '	340.0	21.0	1.6	{86/08/31@19:45:00}
'DVC SDR '	370.0	21.0	3.3	{86/08/31@19:45:00}
'DVC SDR '	400.0	25.0	3.6	{86/08/31@19:45:00}
'DVC SDR '	430.0	12.0	2.6	{86/08/31@19:45:00}
'DVC SDR '	460.0	337.0	2.8	{86/08/31@19:45:00}
'DVC SDR '	490.0	324.0	3.3	{86/08/31@19:45:00}
'DVC SDR '	520.0	307.0	3.3	{86/08/31@19:45:00}
'DVC SDR '	550.0	310.0	1.9	{86/08/31@19:45:00}

METDATASET '1986AUG31_195230'

SFC

'DVC SDR '	172.0	3.8		{86/08/31@19:45:00}*
'CEM TWR '	316.0	3.1		{86/08/31@19:45:00}*
'ROBLES '	310.0	3.6		{86/08/31@19:47:00}
'OBISPO '	-99999.0	0.0		{86/08/31@19:48:00}
'MARIA WS'	320.0	3.6		{86/08/31@19:50:00}
'BUOY '	315.0	5.1		{86/08/31@20:00:00}
'DAVI TWR'	123.0	1.4		{86/08/31@20:00:00}
'FOOT TWR'	294.6	4.2		{86/08/31@20:00:00}
'GROVER '	260.0	2.7		{86/08/31@20:00:00}
'LEWIS '	182.0	4.0		{86/08/31@20:00:00}
'MARIA CD'	290.0	3.1		{86/08/31@20:00:00}
'MORRO '	260.0	2.2		{86/08/31@20:00:00}
'NIPOMO '	280.0	1.3		{86/08/31@20:00:00}
'SERV TWR'	231.2	4.2		{86/08/31@20:00:00}
'W NIPOMO'	272.0	3.1		{86/08/31@20:00:00}
'PECH TWR'	274.6	4.7		{86/08/31@20:03:00}
'PIEDRAS '	292.0	5.7		{86/08/31@21:00:00}*

TOW

'DIAB TWR'	10.0	291.4	4.4	{86/08/31@20:00:00}
'DIAB TWR'	60.0	291.1	4.8	{86/08/31@20:00:00}

UPR

'CEM SDR '	40.0	274.0	2.4	{86/08/31@19:45:00}*
'CEM SDR '	70.0	286.0	5.4	{86/08/31@19:45:00}*
'CEM SDR '	100.0	274.0	2.2	{86/08/31@19:45:00}*
'CEM SDR '	130.0	300.0	5.0	{86/08/31@19:45:00}*
'CEM SDR '	160.0	303.0	3.8	{86/08/31@19:45:00}*
'CEM SDR '	190.0	295.0	4.9	{86/08/31@19:45:00}*
'CEM SDR '	220.0	297.0	2.2	{86/08/31@19:45:00}*

'CEM SDR '	250.0	283.0	1.4	{86/08/31@19:45:00}*
'CEM SDR '	280.0	266.0	0.5	{86/08/31@19:45:00}*
'CEM SDR '	310.0	44.0	0.8	{86/08/31@19:45:00}*
'CEM SDR '	340.0	46.0	0.5	{86/08/31@19:45:00}*
'CEM SDR '	370.0	304.0	0.4	{86/08/31@19:45:00}*
'CEM SDR '	400.0	163.0	0.3	{86/08/31@19:45:00}*
'CEM SDR '	430.0	193.0	1.0	{86/08/31@19:45:00}*
'CEM SDR '	460.0	206.0	1.5	{86/08/31@19:45:00}*
'CEM SDR '	490.0	255.0	1.2	{86/08/31@19:45:00}*
'CEM SDR '	520.0	240.0	0.9	{86/08/31@19:45:00}*
'CEM SDR '	550.0	244.0	0.4	{86/08/31@19:45:00}*
'DIA SDR '	40.0	300.0	4.4	{86/08/31@19:45:00}*
'DIA SDR '	70.0	283.0	3.0	{86/08/31@19:45:00}*
'DIA SDR '	100.0	293.0	4.5	{86/08/31@19:45:00}*
'DIA SDR '	130.0	296.0	4.9	{86/08/31@19:45:00}*
'DIA SDR '	160.0	301.0	4.3	{86/08/31@19:45:00}*
'DIA SDR '	190.0	309.0	4.2	{86/08/31@19:45:00}*
'DIA SDR '	220.0	316.0	3.4	{86/08/31@19:45:00}*
'DIA SDR '	250.0	328.0	2.3	{86/08/31@19:45:00}*
'DIA SDR '	280.0	321.0	0.9	{86/08/31@19:45:00}*
'DIA SDR '	295.0	62.5	0.6	{fake ob to force veering profile}
'DIA SDR '	310.0	164.0	0.4	{86/08/31@19:45:00}*
'DIA SDR '	340.0	122.0	0.4	{86/08/31@19:45:00}*
'DIA SDR '	370.0	104.0	0.5	{86/08/31@19:45:00}*
'DIA SDR '	400.0	71.0	1.2	{86/08/31@19:45:00}*
'DIA SDR '	430.0	53.0	2.2	{86/08/31@19:45:00}*
'DIA SDR '	460.0	340.0	1.5	{86/08/31@19:45:00}*
'DIA SDR '	490.0	331.0	2.4	{86/08/31@19:45:00}*
'DVC SDR '	40.0	172.0	3.8	{86/08/31@19:45:00}*
'DVC SDR '	100.0	178.0	3.8	{86/08/31@19:45:00}*
'DVC SDR '	130.0	173.0	3.4	{86/08/31@19:45:00}*
'DVC SDR '	160.0	223.0	2.6	{86/08/31@19:45:00}*
'DVC SDR '	190.0	235.0	2.4	{86/08/31@19:45:00}*
'DVC SDR '	220.0	233.0	2.4	{86/08/31@19:45:00}*
'DVC SDR '	250.0	264.0	1.9	{86/08/31@19:45:00}*
'DVC SDR '	280.0	286.0	1.9	{86/08/31@19:45:00}*
'DVC SDR '	310.0	337.0	1.2	{86/08/31@19:45:00}*
'DVC SDR '	340.0	21.0	1.6	{86/08/31@19:45:00}*
'DVC SDR '	370.0	21.0	3.3	{86/08/31@19:45:00}*
'DVC SDR '	400.0	25.0	3.6	{86/08/31@19:45:00}*
'DVC SDR '	430.0	12.0	2.6	{86/08/31@19:45:00}*
'DVC SDR '	460.0	337.0	2.8	{86/08/31@19:45:00}*
'DVC SDR '	490.0	324.0	3.3	{86/08/31@19:45:00}*
'DVC SDR '	520.0	307.0	3.3	{86/08/31@19:45:00}*
'DVC SDR '	550.0	310.0	1.9	{86/08/31@19:45:00}*

METDATASET '1986AUG31_200730'

SFC

'DVC SDR '	174.0	4.3	{86/08/31@20:15:00}
'ROBLES '	310.0	3.6	{86/08/31@19:47:00}
'OBISPO '	-99999.0	0.0	{86/08/31@19:48:00}
'MARIA WS'	320.0	3.6	{86/08/31@19:50:00}
'BUOY '	315.0	5.1	{86/08/31@20:00:00}*
'CEM TWR '	324.0	3.9	{86/08/31@20:15:00}
'FOOT TWR'	297.0	4.5	{86/08/31@20:15:00}
'SERV TWR'	233.0	3.8	{86/08/31@20:15:00}
'PECH TWR'	276.6	5.2	{86/08/31@20:18:00}
'DAVI TWR'	65.0	2.0	{86/08/31@21:00:00}
'GROVER '	250.0	2.7	{86/08/31@21:00:00}
'LEWIS '	178.0	4.5	{86/08/31@21:00:00}
'MARIA CD'	302.0	2.7	{86/08/31@21:00:00}
'MORRO '	260.0	2.2	{86/08/31@21:00:00}
'NIPOMO '	260.0	1.8	{86/08/31@21:00:00}
'PIEDRAS '	292.0	5.7	{86/08/31@21:00:00}*
'W NIPOMO'	249.0	3.6	{86/08/31@21:00:00}
TOW			
'DIAB TWR'	10.0	288.6	4.9 {86/08/31@20:15:00}
'DIAB TWR'	60.0	295.3	5.1 {86/08/31@20:15:00}
UPR			
'CEM SDR '	40.0	303.0	4.7 {86/08/31@20:15:00}
'CEM SDR '	70.0	312.0	4.4 {86/08/31@20:15:00}
'CEM SDR '	100.0	303.0	2.8 {86/08/31@20:15:00}
'CEM SDR '	130.0	299.0	3.9 {86/08/31@20:15:00}
'CEM SDR '	160.0	305.0	3.0 {86/08/31@20:15:00}
'CEM SDR '	190.0	287.0	2.7 {86/08/31@20:15:00}
'CEM SDR '	220.0	300.0	2.4 {86/08/31@20:15:00}
'CEM SDR '	250.0	293.0	2.2 {86/08/31@20:15:00}
'CEM SDR '	280.0	311.0	1.6 {86/08/31@20:15:00}
'CEM SDR '	310.0	355.0	0.6 {86/08/31@20:15:00}
'CEM SDR '	340.0	100.0	0.8 {86/08/31@20:15:00}
'CEM SDR '	370.0	141.0	0.4 {86/08/31@20:15:00}
'CEM SDR '	400.0	135.0	0.8 {86/08/31@20:15:00}
'CEM SDR '	430.0	134.0	0.8 {86/08/31@20:15:00}
'CEM SDR '	460.0	173.0	0.8 {86/08/31@20:15:00}
'CEM SDR '	490.0	248.0	1.2 {86/08/31@20:15:00}
'CEM SDR '	520.0	297.0	1.1 {86/08/31@20:15:00}
'CEM SDR '	550.0	289.0	1.4 {86/08/31@20:15:00}
'CEM SDR '	580.0	278.0	0.9 {86/08/31@20:15:00}
'DIA SDR '	40.0	297.0	4.8 {86/08/31@20:15:00}
'DIA SDR '	70.0	302.0	4.5 {86/08/31@20:15:00}
'DIA SDR '	100.0	295.0	5.9 {86/08/31@20:15:00}

'DIA SDR '	130.0	298.0	5.9	{86/08/31@20:15:00}
'DIA SDR '	160.0	304.0	5.1	{86/08/31@20:15:00}
'DIA SDR '	190.0	310.0	4.0	{86/08/31@20:15:00}
'DIA SDR '	220.0	305.0	2.4	{86/08/31@20:15:00}
'DIA SDR '	250.0	31.0	0.9	{86/08/31@20:15:00}
'DIA SDR '	280.0	215.0	0.8	{86/08/31@20:15:00}
'DIA SDR '	310.0	262.0	1.2	{86/08/31@20:15:00}
'DIA SDR '	340.0	315.0	0.9	{86/08/31@20:15:00}
'DIA SDR '	370.0	355.0	0.9	{86/08/31@20:15:00}
'DIA SDR '	400.0	9.0	1.6	{86/08/31@20:15:00}
'DIA SDR '	430.0	349.0	1.9	{86/08/31@20:15:00}
'DIA SDR '	460.0	5.0	1.5	{86/08/31@20:15:00}
'DIA SDR '	490.0	320.0	2.0	{86/08/31@20:15:00}
'DVC SDR '	40.0	174.0	4.3	{86/08/31@20:15:00}
'DVC SDR '	70.0	177.0	4.1	{86/08/31@20:15:00}
'DVC SDR '	100.0	177.0	3.9	{86/08/31@20:15:00}
'DVC SDR '	130.0	191.0	3.3	{86/08/31@20:15:00}
'DVC SDR '	160.0	202.0	2.1	{86/08/31@20:15:00}
'DVC SDR '	190.0	224.0	2.4	{86/08/31@20:15:00}
'DVC SDR '	220.0	232.0	2.8	{86/08/31@20:15:00}
'DVC SDR '	250.0	258.0	2.6	{86/08/31@20:15:00}
'DVC SDR '	280.0	278.0	2.0	{86/08/31@20:15:00}
'DVC SDR '	310.0	313.0	0.8	{86/08/31@20:15:00}
'DVC SDR '	340.0	16.0	2.2	{86/08/31@20:15:00}
'DVC SDR '	370.0	27.0	3.5	{86/08/31@20:15:00}
'DVC SDR '	400.0	24.0	3.4	{86/08/31@20:15:00}
'DVC SDR '	430.0	20.0	3.4	{86/08/31@20:15:00}
'DVC SDR '	460.0	1.0	2.3	{86/08/31@20:15:00}
'DVC SDR '	490.0	323.0	2.4	{86/08/31@20:15:00}
'DVC SDR '	520.0	286.0	1.6	{86/08/31@20:15:00}
'DVC SDR '	550.0	191.0	0.9	{86/08/31@20:15:00}

METDATASET '1986AUG31_202230'

SFC

'DVC SDR '	174.0	4.3	{86/08/31@20:15:00}*
'BUOY '	315.0	5.1	{86/08/31@20:00:00}*
'CEM TWR '	324.0	3.9	{86/08/31@20:15:00}*
'FOOT TWR'	292.6	4.7	{86/08/31@20:30:00}
'SERV TWR'	231.0	3.7	{86/08/31@20:30:00}
'PECH TWR'	274.8	4.9	{86/08/31@20:33:00}
'ROBLES '	330.0	3.6	{86/08/31@20:47:00}
'MARIA WS'	290.0	4.1	{86/08/31@20:50:00}
'OBISPO '	170.0	3.6	{86/08/31@20:50:00}
'DAVI TWR'	65.0	2.0	{86/08/31@21:00:00}
'GROVER '	250.0	2.7	{86/08/31@21:00:00}

'LEWIS '	178.0	4.5	{86/08/31@21:00:00}	
'MARIA CD'	302.0	2.7	{86/08/31@21:00:00}	
'MORRO '	260.0	2.2	{86/08/31@21:00:00}	
'NIPOMO '	260.0	1.8	{86/08/31@21:00:00}	
'PIEDRAS '	292.0	5.7	{86/08/31@21:00:00}*	
'W NIPOMO'	249.0	3.6	{86/08/31@21:00:00}	
TOW				
'DIAB TWR'	10.0	289.0	4.4	{86/08/31@20:30:00}
'DIAB TWR'	60.0	294.2	4.7	{86/08/31@20:30:00}
UPR				
'CEM SDR '	40.0	303.0	4.7	{86/08/31@20:15:00}*
'CEM SDR '	70.0	312.0	4.4	{86/08/31@20:15:00}*
'CEM SDR '	100.0	303.0	2.8	{86/08/31@20:15:00}*
'CEM SDR '	130.0	299.0	3.9	{86/08/31@20:15:00}*
'CEM SDR '	160.0	305.0	3.0	{86/08/31@20:15:00}*
'CEM SDR '	190.0	287.0	2.7	{86/08/31@20:15:00}*
'CEM SDR '	220.0	300.0	2.4	{86/08/31@20:15:00}*
'CEM SDR '	250.0	293.0	2.2	{86/08/31@20:15:00}*
'CEM SDR '	280.0	311.0	1.6	{86/08/31@20:15:00}*
'CEM SDR '	310.0	355.0	0.6	{86/08/31@20:15:00}*
'CEM SDR '	340.0	100.0	0.8	{86/08/31@20:15:00}*
'CEM SDR '	370.0	141.0	0.4	{86/08/31@20:15:00}*
'CEM SDR '	400.0	135.0	0.8	{86/08/31@20:15:00}*
'CEM SDR '	430.0	134.0	0.8	{86/08/31@20:15:00}*
'CEM SDR '	460.0	173.0	0.8	{86/08/31@20:15:00}*
'CEM SDR '	490.0	248.0	1.2	{86/08/31@20:15:00}*
'CEM SDR '	520.0	297.0	1.1	{86/08/31@20:15:00}*
'CEM SDR '	550.0	289.0	1.4	{86/08/31@20:15:00}*
'CEM SDR '	580.0	278.0	0.9	{86/08/31@20:15:00}*
'DIA SDR '	40.0	297.0	4.8	{86/08/31@20:15:00}*
'DIA SDR '	70.0	302.0	4.5	{86/08/31@20:15:00}*
'DIA SDR '	100.0	295.0	5.9	{86/08/31@20:15:00}*
'DIA SDR '	130.0	298.0	5.9	{86/08/31@20:15:00}*
'DIA SDR '	160.0	304.0	5.1	{86/08/31@20:15:00}*
'DIA SDR '	190.0	310.0	4.0	{86/08/31@20:15:00}*
'DIA SDR '	220.0	305.0	2.4	{86/08/31@20:15:00}*
'DIA SDR '	250.0	31.0	0.9	{86/08/31@20:15:00}*
'DIA SDR '	280.0	215.0	0.8	{86/08/31@20:15:00}*
'DIA SDR '	310.0	262.0	1.2	{86/08/31@20:15:00}*
'DIA SDR '	340.0	315.0	0.9	{86/08/31@20:15:00}*
'DIA SDR '	370.0	355.0	0.9	{86/08/31@20:15:00}*
'DIA SDR '	400.0	9.0	1.6	{86/08/31@20:15:00}*
'DIA SDR '	430.0	349.0	1.9	{86/08/31@20:15:00}*
'DIA SDR '	460.0	5.0	1.5	{86/08/31@20:15:00}*
'DIA SDR '	490.0	320.0	2.0	{86/08/31@20:15:00}*
'DVC SDR '	40.0	174.0	4.3	{86/08/31@20:15:00}*

'DVC SDR '	70.0	177.0	4.1	{86/08/31@20:15:00}*
'DVC SDR '	100.0	177.0	3.9	{86/08/31@20:15:00}*
'DVC SDR '	130.0	191.0	3.3	{86/08/31@20:15:00}*
'DVC SDR '	160.0	202.0	2.1	{86/08/31@20:15:00}*
'DVC SDR '	190.0	224.0	2.4	{86/08/31@20:15:00}*
'DVC SDR '	220.0	232.0	2.8	{86/08/31@20:15:00}*
'DVC SDR '	250.0	258.0	2.6	{86/08/31@20:15:00}*
'DVC SDR '	280.0	278.0	2.0	{86/08/31@20:15:00}*
'DVC SDR '	310.0	313.0	0.8	{86/08/31@20:15:00}*
'DVC SDR '	340.0	16.0	2.2	{86/08/31@20:15:00}*
'DVC SDR '	370.0	27.0	3.5	{86/08/31@20:15:00}*
'DVC SDR '	400.0	24.0	3.4	{86/08/31@20:15:00}*
'DVC SDR '	430.0	20.0	3.4	{86/08/31@20:15:00}*
'DVC SDR '	460.0	1.0	2.3	{86/08/31@20:15:00}*
'DVC SDR '	490.0	323.0	2.4	{86/08/31@20:15:00}*
'DVC SDR '	520.0	286.0	1.6	{86/08/31@20:15:00}*
'DVC SDR '	550.0	191.0	0.9	{86/08/31@20:15:00}*

METDATASET '1986AUG31_203730'

SFC

'DVC SDR '	179.0	4.9		{86/08/31@20:45:00}
'BUOY '	315.0	5.1		{86/08/31@20:00:00}*
'CEM TWR '	318.0	4.1		{86/08/31@20:45:00}
'FOOT TWR'	297.3	4.8		{86/08/31@20:45:00}
'SERV TWR'	234.0	4.7		{86/08/31@20:45:00}
'ROBLES '	330.0	3.6		{86/08/31@20:47:00}
'PECH TWR'	278.5	5.0		{86/08/31@20:48:00}
'MARIA WS'	290.0	4.1		{86/08/31@20:50:00}
'OBISPO '	170.0	3.6		{86/08/31@20:50:00}
'DAVI TWR'	65.0	2.0		{86/08/31@21:00:00}
'GROVER '	250.0	2.7		{86/08/31@21:00:00}
'LEWIS '	178.0	4.5		{86/08/31@21:00:00}
'MARIA CD'	302.0	2.7		{86/08/31@21:00:00}
'MORRO '	260.0	2.2		{86/08/31@21:00:00}
'NIPOMO '	260.0	1.8		{86/08/31@21:00:00}
'PIEDRAS '	292.0	5.7		{86/08/31@21:00:00}*
'W NIPOMO'	249.0	3.6		{86/08/31@21:00:00}

TOW

'DIAB TWR'	10.0	289.7	4.1	{86/08/31@20:45:00}
'DIAB TWR'	60.0	291.5	4.4	{86/08/31@20:45:00}

UPR

'CEM SDR '	70.0	290.0	5.4	{86/08/31@20:45:00}
'CEM SDR '	130.0	296.0	4.0	{86/08/31@20:45:00}
'CEM SDR '	160.0	295.0	3.5	{86/08/31@20:45:00}
'CEM SDR '	190.0	286.0	2.9	{86/08/31@20:45:00}

'CEM SDR '	220.0	282.0	2.3	{86/08/31@20:45:00}
'CEM SDR '	250.0	256.0	1.5	{86/08/31@20:45:00}
'CEM SDR '	280.0	224.0	0.7	{86/08/31@20:45:00}
'CEM SDR '	310.0	158.0	1.3	{86/08/31@20:45:00}
'CEM SDR '	340.0	139.0	1.2	{86/08/31@20:45:00}
'CEM SDR '	370.0	128.0	1.7	{86/08/31@20:45:00}
'CEM SDR '	400.0	165.0	1.0	{86/08/31@20:45:00}
'CEM SDR '	430.0	266.0	0.7	{86/08/31@20:45:00}
'CEM SDR '	460.0	113.0	0.3	{86/08/31@20:45:00}
'CEM SDR '	490.0	293.0	1.3	{86/08/31@20:45:00}
'CEM SDR '	550.0	316.0	0.4	{86/08/31@20:45:00}
'CEM SDR '	580.0	2.0	2.1	{86/08/31@20:45:00}
'DIA SDR '	40.0	292.0	4.5	{86/08/31@20:45:00}
'DIA SDR '	70.0	296.0	3.7	{86/08/31@20:45:00}
'DIA SDR '	100.0	295.0	4.3	{86/08/31@20:45:00}
'DIA SDR '	130.0	301.0	4.1	{86/08/31@20:45:00}
'DIA SDR '	160.0	308.0	3.0	{86/08/31@20:45:00}
'DIA SDR '	190.0	317.0	1.3	{86/08/31@20:45:00}
'DIA SDR '	220.0	107.0	1.3	{86/08/31@20:45:00}
'DIA SDR '	250.0	165.0	2.5	{86/08/31@20:45:00}
'DIA SDR '	280.0	162.0	1.3	{86/08/31@20:45:00}
'DIA SDR '	310.0	259.0	1.0	{86/08/31@20:45:00}
'DIA SDR '	340.0	290.0	0.3	{86/08/31@20:45:00}
'DIA SDR '	370.0	351.0	0.6	{86/08/31@20:45:00}
'DIA SDR '	400.0	31.0	0.6	{86/08/31@20:45:00}
'DIA SDR '	430.0	10.0	1.2	{86/08/31@20:45:00}
'DIA SDR '	460.0	33.0	1.8	{86/08/31@20:45:00}
'DIA SDR '	490.0	50.0	1.0	{86/08/31@20:45:00}
'DVC SDR '	40.0	179.0	4.9	{86/08/31@20:45:00}
'DVC SDR '	70.0	183.0	4.8	{86/08/31@20:45:00}
'DVC SDR '	100.0	181.0	4.9	{86/08/31@20:45:00}
'DVC SDR '	130.0	193.0	4.1	{86/08/31@20:45:00}
'DVC SDR '	160.0	218.0	3.3	{86/08/31@20:45:00}
'DVC SDR '	190.0	227.0	2.9	{86/08/31@20:45:00}
'DVC SDR '	220.0	235.0	2.5	{86/08/31@20:45:00}
'DVC SDR '	250.0	249.0	2.7	{86/08/31@20:45:00}
'DVC SDR '	280.0	261.0	2.9	{86/08/31@20:45:00}
'DVC SDR '	310.0	289.0	1.5	{86/08/31@20:45:00}
'DVC SDR '	340.0	350.0	1.1	{86/08/31@20:45:00}
'DVC SDR '	370.0	15.0	2.8	{86/08/31@20:45:00}
'DVC SDR '	400.0	20.0	4.1	{86/08/31@20:45:00}
'DVC SDR '	430.0	5.0	3.7	{86/08/31@20:45:00}
'DVC SDR '	460.0	358.0	3.3	{86/08/31@20:45:00}
'DVC SDR '	490.0	343.0	2.3	{86/08/31@20:45:00}
'DVC SDR '	520.0	319.0	2.3	{86/08/31@20:45:00}

METDATASET '1986AUG31_205230'

SFC

'DVC SDR '	179.0	4.9	{86/08/31@20:45:00}*}
'BUOY '	315.0	5.1	{86/08/31@20:00:00}*}
'CEM TWR '	318.0	4.1	{86/08/31@20:45:00}*}
'ROBLES '	330.0	3.6	{86/08/31@20:47:00}
'MARIA WS'	290.0	4.1	{86/08/31@20:50:00}
'OBISPO '	170.0	3.6	{86/08/31@20:50:00}
'DAVI TWR'	65.0	2.0	{86/08/31@21:00:00}
'FOOT TWR'	302.0	5.3	{86/08/31@21:00:00}
'GROVER '	250.0	2.7	{86/08/31@21:00:00}
'LEWIS '	178.0	4.5	{86/08/31@21:00:00}
'MARIA CD'	302.0	2.7	{86/08/31@21:00:00}
'MORRO '	260.0	2.2	{86/08/31@21:00:00}
'NIPOMO '	260.0	1.8	{86/08/31@21:00:00}
'PIEDRAS '	292.0	5.7	{86/08/31@21:00:00}
'SERV TWR'	231.2	5.9	{86/08/31@21:00:00}
'W NIPOMO'	249.0	3.6	{86/08/31@21:00:00}
'PECH TWR'	278.1	4.5	{86/08/31@21:03:00}

TOW

'DIAB TWR'	10.0	288.1	4.3	{86/08/31@21:00:00}
'DIAB TWR'	60.0	292.6	4.4	{86/08/31@21:00:00}

UPR

'CEM SDR '	70.0	290.0	5.4	{86/08/31@20:45:00}*}
'CEM SDR '	130.0	296.0	4.0	{86/08/31@20:45:00}*}
'CEM SDR '	160.0	295.0	3.5	{86/08/31@20:45:00}*}
'CEM SDR '	190.0	286.0	2.9	{86/08/31@20:45:00}*}
'CEM SDR '	220.0	282.0	2.3	{86/08/31@20:45:00}*}
'CEM SDR '	250.0	256.0	1.5	{86/08/31@20:45:00}*}
'CEM SDR '	280.0	224.0	0.7	{86/08/31@20:45:00}*}
'CEM SDR '	310.0	158.0	1.3	{86/08/31@20:45:00}*}
'CEM SDR '	340.0	139.0	1.2	{86/08/31@20:45:00}*}
'CEM SDR '	370.0	128.0	1.7	{86/08/31@20:45:00}*}
'CEM SDR '	400.0	165.0	1.0	{86/08/31@20:45:00}*}
'CEM SDR '	430.0	266.0	0.7	{86/08/31@20:45:00}*}
'CEM SDR '	460.0	113.0	0.3	{86/08/31@20:45:00}*}
'CEM SDR '	490.0	293.0	1.3	{86/08/31@20:45:00}*}
'CEM SDR '	550.0	316.0	0.4	{86/08/31@20:45:00}*}
'CEM SDR '	580.0	2.0	2.1	{86/08/31@20:45:00}*}
'DIA SDR '	40.0	292.0	4.5	{86/08/31@20:45:00}*}
'DIA SDR '	70.0	296.0	3.7	{86/08/31@20:45:00}*}
'DIA SDR '	100.0	295.0	4.3	{86/08/31@20:45:00}*}
'DIA SDR '	130.0	301.0	4.1	{86/08/31@20:45:00}*}
'DIA SDR '	160.0	308.0	3.0	{86/08/31@20:45:00}*}
'DIA SDR '	190.0	317.0	1.3	{86/08/31@20:45:00}*}

'DIA SDR '	220.0	107.0	1.3	{86/08/31@20:45:00}*
'DIA SDR '	250.0	165.0	2.5	{86/08/31@20:45:00}*
'DIA SDR '	280.0	162.0	1.3	{86/08/31@20:45:00}*
'DIA SDR '	310.0	259.0	1.0	{86/08/31@20:45:00}*
'DIA SDR '	340.0	290.0	0.3	{86/08/31@20:45:00}*
'DIA SDR '	370.0	351.0	0.6	{86/08/31@20:45:00}*
'DIA SDR '	400.0	31.0	0.6	{86/08/31@20:45:00}*
'DIA SDR '	430.0	10.0	1.2	{86/08/31@20:45:00}*
'DIA SDR '	460.0	33.0	1.8	{86/08/31@20:45:00}*
'DIA SDR '	490.0	50.0	1.0	{86/08/31@20:45:00}*
'DVC SDR '	40.0	179.0	4.9	{86/08/31@20:45:00}*
'DVC SDR '	70.0	183.0	4.8	{86/08/31@20:45:00}*
'DVC SDR '	100.0	181.0	4.9	{86/08/31@20:45:00}*
'DVC SDR '	130.0	193.0	4.1	{86/08/31@20:45:00}*
'DVC SDR '	160.0	218.0	3.3	{86/08/31@20:45:00}*
'DVC SDR '	190.0	227.0	2.9	{86/08/31@20:45:00}*
'DVC SDR '	220.0	235.0	2.5	{86/08/31@20:45:00}*
'DVC SDR '	250.0	249.0	2.7	{86/08/31@20:45:00}*
'DVC SDR '	280.0	261.0	2.9	{86/08/31@20:45:00}*
'DVC SDR '	310.0	289.0	1.5	{86/08/31@20:45:00}*
'DVC SDR '	340.0	350.0	1.1	{86/08/31@20:45:00}*
'DVC SDR '	370.0	15.0	2.8	{86/08/31@20:45:00}*
'DVC SDR '	400.0	20.0	4.1	{86/08/31@20:45:00}*
'DVC SDR '	430.0	5.0	3.7	{86/08/31@20:45:00}*
'DVC SDR '	460.0	358.0	3.3	{86/08/31@20:45:00}*
'DVC SDR '	490.0	343.0	2.3	{86/08/31@20:45:00}*
'DVC SDR '	520.0	319.0	2.3	{86/08/31@20:45:00}*

METDATASET '1986AUG31_210730'

SFC

'DVC SDR '	175.0	6.9	{86/08/31@21:15:00}
'BUOY '	315.0	5.1	{86/08/31@20:00:00}*
'ROBLES '	330.0	3.6	{86/08/31@20:47:00}
'MARIA WS'	290.0	4.1	{86/08/31@20:50:00}
'OBISPO '	170.0	3.6	{86/08/31@20:50:00}
'PIEDRAS '	292.0	5.7	{86/08/31@21:00:00}*
'CEM TWR '	319.0	4.6	{86/08/31@21:15:00}
'FOOT TWR'	293.9	5.6	{86/08/31@21:15:00}
'SERV TWR'	226.1	6.2	{86/08/31@21:15:00}
'PECH TWR'	282.3	5.4	{86/08/31@21:18:00}
'DAVI TWR'	66.0	1.9	{86/08/31@22:00:00}
'GROVER '	230.0	2.7	{86/08/31@22:00:00}
'LEWIS '	182.0	4.5	{86/08/31@22:00:00}
'MARIA CD'	292.0	3.1	{86/08/31@22:00:00}
'MORRO '	260.0	3.1	{86/08/31@22:00:00}

'NIPOMO '	260.0	1.8		{86/08/31@22:00:00}
'W NIPOMO'	250.0	3.6		{86/08/31@22:00:00}
TOW				
'DIAB TWR'	10.0	288.9	5.1	{86/08/31@21:15:00}
'DIAB TWR'	60.0	296.0	5.4	{86/08/31@21:15:00}
UPR				
'CEM SDR '	40.0	309.0	5.3	{86/08/31@21:15:00}
'CEM SDR '	70.0	303.0	5.1	{86/08/31@21:15:00}
'CEM SDR '	100.0	310.0	4.6	{86/08/31@21:15:00}
'CEM SDR '	130.0	294.0	5.3	{86/08/31@21:15:00}
'CEM SDR '	160.0	298.0	3.8	{86/08/31@21:15:00}
'CEM SDR '	190.0	287.0	3.4	{86/08/31@21:15:00}
'CEM SDR '	220.0	282.0	2.2	{86/08/31@21:15:00}
'CEM SDR '	250.0	267.0	2.3	{86/08/31@21:15:00}
'CEM SDR '	280.0	277.0	2.2	{86/08/31@21:15:00}
'CEM SDR '	310.0	251.0	0.9	{86/08/31@21:15:00}
'CEM SDR '	340.0	274.0	1.3	{86/08/31@21:15:00}
'CEM SDR '	370.0	193.0	0.4	{86/08/31@21:15:00}
'CEM SDR '	400.0	242.0	0.7	{86/08/31@21:15:00}
'CEM SDR '	430.0	209.0	0.5	{86/08/31@21:15:00}
'CEM SDR '	460.0	205.0	0.9	{86/08/31@21:15:00}
'CEM SDR '	490.0	289.0	0.9	{86/08/31@21:15:00}
'CEM SDR '	520.0	321.0	1.2	{86/08/31@21:15:00}
'CEM SDR '	550.0	304.0	2.1	{86/08/31@21:15:00}
'DIA SDR '	40.0	301.0	5.2	{86/08/31@21:15:00}
'DIA SDR '	70.0	290.0	4.0	{86/08/31@21:15:00}
'DIA SDR '	100.0	296.0	5.2	{86/08/31@21:15:00}
'DIA SDR '	130.0	299.0	4.2	{86/08/31@21:15:00}
'DIA SDR '	160.0	316.0	3.8	{86/08/31@21:15:00}
'DIA SDR '	190.0	303.0	1.8	{86/08/31@21:15:00}
'DIA SDR '	220.0	47.0	1.3	{86/08/31@21:15:00}
'DIA SDR '	250.0	126.0	1.8	{86/08/31@21:15:00}
'DIA SDR '	280.0	141.0	1.6	{86/08/31@21:15:00}
'DIA SDR '	310.0	152.0	0.9	{86/08/31@21:15:00}
'DIA SDR '	340.0	-99999.0	0.0	{86/08/31@21:15:00}
'DIA SDR '	370.0	41.0	0.5	{86/08/31@21:15:00}
'DIA SDR '	400.0	50.0	1.0	{86/08/31@21:15:00}
'DIA SDR '	430.0	8.0	0.8	{86/08/31@21:15:00}
'DIA SDR '	460.0	357.0	1.5	{86/08/31@21:15:00}
'DIA SDR '	490.0	36.0	2.2	{86/08/31@21:15:00}
'DVC SDR '	40.0	175.0	6.9	{86/08/31@21:15:00}
'DVC SDR '	70.0	181.0	6.1	{86/08/31@21:15:00}
'DVC SDR '	100.0	174.0	5.9	{86/08/31@21:15:00}
'DVC SDR '	130.0	218.0	4.0	{86/08/31@21:15:00}
'DVC SDR '	160.0	219.0	3.6	{86/08/31@21:15:00}
'DVC SDR '	190.0	223.0	2.8	{86/08/31@21:15:00}

'DVC SDR '	220.0	234.0	3.8	{86/08/31@21:15:00}
'DVC SDR '	250.0	249.0	3.6	{86/08/31@21:15:00}
'DVC SDR '	280.0	260.0	3.6	{86/08/31@21:15:00}
'DVC SDR '	310.0	258.0	3.1	{86/08/31@21:15:00}
'DVC SDR '	340.0	227.0	1.1	{86/08/31@21:15:00}
'DVC SDR '	370.0	31.0	1.0	{86/08/31@21:15:00}
'DVC SDR '	400.0	29.0	2.6	{86/08/31@21:15:00}
'DVC SDR '	460.0	-99999.0	2.5	{86/08/31@21:15:00} M
'DVC SDR '	490.0	353.0	3.0	{86/08/31@21:15:00}
'DVC SDR '	550.0	313.0	2.4	{86/08/31@21:15:00}

METDATASET '1986AUG31_212230'

SFC

'DVC SDR '	175.0	6.9		{86/08/31@21:15:00}*
'BUOY '	315.0	5.1		{86/08/31@20:00:00}*
'PIEDRAS '	292.0	5.7		{86/08/31@21:00:00}*
'CEM TWR '	319.0	4.6		{86/08/31@21:15:00}*
'FOOT TWR'	295.8	6.1		{86/08/31@21:30:00}
'SERV TWR'	222.2	5.7		{86/08/31@21:30:00}
'PECH TWR'	285.5	5.9		{86/08/31@21:33:00}
'ROBLES '	330.0	4.6		{86/08/31@21:47:00}
'MARIA WS'	280.0	3.6		{86/08/31@21:50:00}
'OBISPO '	-99999.0	0.0		{86/08/31@21:50:00}
'DAVI TWR'	66.0	1.9		{86/08/31@22:00:00}
'GROVER '	230.0	2.7		{86/08/31@22:00:00}
'LEWIS '	182.0	4.5		{86/08/31@22:00:00}
'MARIA CD'	292.0	3.1		{86/08/31@22:00:00}
'MORRO '	260.0	3.1		{86/08/31@22:00:00}
'NIPOMO '	260.0	1.8		{86/08/31@22:00:00}
'W NIPOMO'	250.0	3.6		{86/08/31@22:00:00}

TOW

'DIAB TWR'	10.0	290.0	5.4	{86/08/31@21:30:00}
'DIAB TWR'	60.0	302.7	5.6	{86/08/31@21:30:00}

UPR

'CEM SDR '	40.0	309.0	5.3	{86/08/31@21:15:00}*
'CEM SDR '	70.0	303.0	5.1	{86/08/31@21:15:00}*
'CEM SDR '	100.0	310.0	4.6	{86/08/31@21:15:00}*
'CEM SDR '	130.0	294.0	5.3	{86/08/31@21:15:00}*
'CEM SDR '	160.0	298.0	3.8	{86/08/31@21:15:00}*
'CEM SDR '	190.0	287.0	3.4	{86/08/31@21:15:00}*
'CEM SDR '	220.0	282.0	2.2	{86/08/31@21:15:00}*
'CEM SDR '	250.0	267.0	2.3	{86/08/31@21:15:00}*
'CEM SDR '	280.0	277.0	2.2	{86/08/31@21:15:00}*
'CEM SDR '	310.0	251.0	0.9	{86/08/31@21:15:00}*
'CEM SDR '	340.0	274.0	1.3	{86/08/31@21:15:00}*

'CEM SDR '	370.0	193.0	0.4	{86/08/31@21:15:00}*
'CEM SDR '	400.0	242.0	0.7	{86/08/31@21:15:00}*
'CEM SDR '	430.0	209.0	0.5	{86/08/31@21:15:00}*
'CEM SDR '	460.0	205.0	0.9	{86/08/31@21:15:00}*
'CEM SDR '	490.0	289.0	0.9	{86/08/31@21:15:00}*
'CEM SDR '	520.0	321.0	1.2	{86/08/31@21:15:00}*
'CEM SDR '	550.0	304.0	2.1	{86/08/31@21:15:00}*
'DIA SDR '	40.0	301.0	5.2	{86/08/31@21:15:00}*
'DIA SDR '	70.0	290.0	4.0	{86/08/31@21:15:00}*
'DIA SDR '	100.0	296.0	5.2	{86/08/31@21:15:00}*
'DIA SDR '	130.0	299.0	4.2	{86/08/31@21:15:00}*
'DIA SDR '	160.0	316.0	3.8	{86/08/31@21:15:00}*
'DIA SDR '	190.0	303.0	1.8	{86/08/31@21:15:00}*
'DIA SDR '	220.0	47.0	1.3	{86/08/31@21:15:00}*
'DIA SDR '	250.0	126.0	1.8	{86/08/31@21:15:00}*
'DIA SDR '	280.0	141.0	1.6	{86/08/31@21:15:00}*
'DIA SDR '	310.0	152.0	0.9	{86/08/31@21:15:00}*
'DIA SDR '	340.0	-99999.0	0.0	{86/08/31@21:15:00}*
'DIA SDR '	370.0	41.0	0.5	{86/08/31@21:15:00}*
'DIA SDR '	400.0	50.0	1.0	{86/08/31@21:15:00}*
'DIA SDR '	430.0	8.0	0.8	{86/08/31@21:15:00}*
'DIA SDR '	460.0	357.0	1.5	{86/08/31@21:15:00}*
'DIA SDR '	490.0	36.0	2.2	{86/08/31@21:15:00}*
'DVC SDR '	40.0	175.0	6.9	{86/08/31@21:15:00}*
'DVC SDR '	70.0	181.0	6.1	{86/08/31@21:15:00}*
'DVC SDR '	100.0	174.0	5.9	{86/08/31@21:15:00}*
'DVC SDR '	130.0	218.0	4.0	{86/08/31@21:15:00}*
'DVC SDR '	160.0	219.0	3.6	{86/08/31@21:15:00}*
'DVC SDR '	190.0	223.0	2.8	{86/08/31@21:15:00}*
'DVC SDR '	220.0	234.0	3.8	{86/08/31@21:15:00}*
'DVC SDR '	250.0	249.0	3.6	{86/08/31@21:15:00}*
'DVC SDR '	280.0	260.0	3.6	{86/08/31@21:15:00}*
'DVC SDR '	310.0	258.0	3.1	{86/08/31@21:15:00}*
'DVC SDR '	340.0	227.0	1.1	{86/08/31@21:15:00}*
'DVC SDR '	370.0	31.0	1.0	{86/08/31@21:15:00}*
'DVC SDR '	400.0	29.0	2.6	{86/08/31@21:15:00}*
'DVC SDR '	460.0	-99999.0	2.5	{86/08/31@21:15:00}* M
'DVC SDR '	490.0	353.0	3.0	{86/08/31@21:15:00}*
'DVC SDR '	550.0	313.0	2.4	{86/08/31@21:15:00}*

METDATASET '1986AUG31_213730'

SFC

'DVC SDR '	181.0	5.5	{86/08/31@21:45:00}
'PIEDRAS '	292.0	5.7	{86/08/31@21:00:00}*
'CEM TWR '	314.0	5.3	{86/08/31@21:45:00}

'FOOT TWR'	295.5	6.4	{86/08/31@21:45:00}	
'SERV TWR'	235.1	4.7	{86/08/31@21:45:00}	
'ROBLES '	330.0	4.6	{86/08/31@21:47:00}	
'PECH TWR'	279.6	6.7	{86/08/31@21:48:00}	
'MARIA WS'	280.0	3.6	{86/08/31@21:50:00}	
'OBISPO '	-99999.0	0.0	{86/08/31@21:50:00}	
'DAVI TWR'	66.0	1.9	{86/08/31@22:00:00}	
'GROVER '	230.0	2.7	{86/08/31@22:00:00}	
'LEWIS '	182.0	4.5	{86/08/31@22:00:00}	
'MARIA CD'	292.0	3.1	{86/08/31@22:00:00}	
'MORRO '	260.0	3.1	{86/08/31@22:00:00}	
'NIPOMO '	260.0	1.8	{86/08/31@22:00:00}	
'W NIPOMO'	250.0	3.6	{86/08/31@22:00:00}	
'BUOY '	292.0	3.1	{86/08/31@23:00:00}*	
TOW				
'DIAB TWR'	10.0	290.8	5.9	{86/08/31@21:45:00}
'DIAB TWR'	60.0	300.9	6.2	{86/08/31@21:45:00}
UPR				
'CEM SDR '	40.0	299.0	6.6	{86/08/31@21:45:00}
'CEM SDR '	70.0	306.0	5.4	{86/08/31@21:45:00}
'CEM SDR '	100.0	306.0	5.1	{86/08/31@21:45:00}
'CEM SDR '	130.0	304.0	5.0	{86/08/31@21:45:00}
'CEM SDR '	160.0	304.0	5.7	{86/08/31@21:45:00}
'CEM SDR '	190.0	295.0	4.4	{86/08/31@21:45:00}
'CEM SDR '	220.0	283.0	3.5	{86/08/31@21:45:00}
'CEM SDR '	250.0	270.0	2.8	{86/08/31@21:45:00}
'CEM SDR '	280.0	256.0	2.4	{86/08/31@21:45:00}
'CEM SDR '	310.0	251.0	1.4	{86/08/31@21:45:00}
'CEM SDR '	340.0	203.0	0.9	{86/08/31@21:45:00}
'CEM SDR '	370.0	202.0	1.2	{86/08/31@21:45:00}
'CEM SDR '	400.0	184.0	1.4	{86/08/31@21:45:00}
'CEM SDR '	430.0	212.0	0.9	{86/08/31@21:45:00}
'CEM SDR '	490.0	277.0	1.8	{86/08/31@21:45:00}
'CEM SDR '	520.0	321.0	0.2	{86/08/31@21:45:00}
'CEM SDR '	550.0	218.0	0.4	{86/08/31@21:45:00}
'DIA SDR '	40.0	302.0	3.1	{86/08/31@21:45:00}
'DIA SDR '	70.0	281.0	6.6	{86/08/31@21:45:00}
'DIA SDR '	100.0	286.0	7.1	{86/08/31@21:45:00}
'DIA SDR '	130.0	310.0	5.8	{86/08/31@21:45:00}
'DIA SDR '	160.0	300.0	4.3	{86/08/31@21:45:00}
'DIA SDR '	190.0	300.0	2.6	{86/08/31@21:45:00}
'DIA SDR '	220.0	270.0	1.0	{86/08/31@21:45:00}
'DIA SDR '	250.0	146.0	0.4	{86/08/31@21:45:00}
'DIA SDR '	280.0	150.0	0.8	{86/08/31@21:45:00}
'DIA SDR '	310.0	220.0	0.5	{86/08/31@21:45:00}
'DIA SDR '	340.0	353.0	0.6	{86/08/31@21:45:00}

'DIA SDR '	370.0	269.0	1.9	{86/08/31@21:45:00}
'DIA SDR '	400.0	339.0	1.1	{86/08/31@21:45:00}
'DIA SDR '	430.0	354.0	1.2	{86/08/31@21:45:00}
'DIA SDR '	460.0	324.0	1.2	{86/08/31@21:45:00}
'DIA SDR '	490.0	-99999.0	1.3	{86/08/31@21:45:00} M
'DVC SDR '	40.0	181.0	5.5	{86/08/31@21:45:00}
'DVC SDR '	70.0	186.0	4.9	{86/08/31@21:45:00}
'DVC SDR '	100.0	186.0	5.2	{86/08/31@21:45:00}
'DVC SDR '	130.0	190.0	4.5	{86/08/31@21:45:00}
'DVC SDR '	160.0	192.0	3.7	{86/08/31@21:45:00}
'DVC SDR '	190.0	225.0	3.5	{86/08/31@21:45:00}
'DVC SDR '	220.0	239.0	2.5	{86/08/31@21:45:00}
'DVC SDR '	250.0	245.0	3.1	{86/08/31@21:45:00}
'DVC SDR '	280.0	248.0	2.8	{86/08/31@21:45:00}
'DVC SDR '	310.0	249.0	1.8	{86/08/31@21:45:00}
'DVC SDR '	340.0	202.0	0.3	{86/08/31@21:45:00}
'DVC SDR '	370.0	59.0	1.3	{86/08/31@21:45:00}
'DVC SDR '	400.0	32.0	2.2	{86/08/31@21:45:00}
'DVC SDR '	460.0	3.0	2.7	{86/08/31@21:45:00}
'DVC SDR '	490.0	329.0	3.6	{86/08/31@21:45:00}
'DVC SDR '	550.0	316.0	3.9	{86/08/31@21:45:00}

METDATASET '1986AUG31_215230'

SFC

'DVC SDR '	181.0	5.5		{86/08/31@21:45:00}*
'PIEDRAS '	292.0	5.7		{86/08/31@21:00:00}*
'CEM TWR '	314.0	5.3		{86/08/31@21:45:00}*
'ROBLES '	330.0	4.6		{86/08/31@21:47:00}
'MARIA WS'	280.0	3.6		{86/08/31@21:50:00}
'OBISPO '	-99999.0	0.0		{86/08/31@21:50:00}
'DAVI TWR'	66.0	1.9		{86/08/31@22:00:00}
'FOOT TWR'	301.5	7.0		{86/08/31@22:00:00}
'GROVER '	230.0	2.7		{86/08/31@22:00:00}
'LEWIS '	182.0	4.5		{86/08/31@22:00:00}
'MARIA CD'	292.0	3.1		{86/08/31@22:00:00}
'MORRO '	260.0	3.1		{86/08/31@22:00:00}
'NIPOMO '	260.0	1.8		{86/08/31@22:00:00}
'SERV TWR'	233.1	5.2		{86/08/31@22:00:00}
'W NIPOMO'	250.0	3.6		{86/08/31@22:00:00}
'PECH TWR'	279.5	7.1		{86/08/31@22:03:00}
'BUOY '	292.0	3.1		{86/08/31@23:00:00}*

TOW

'DIAB TWR'	10.0	292.7	5.8	{86/08/31@22:00:00}
'DIAB TWR'	60.0	300.7	6.7	{86/08/31@22:00:00}

UPR

'CEM SDR '	40.0	299.0	6.6	{86/08/31@21:45:00}*
'CEM SDR '	70.0	306.0	5.4	{86/08/31@21:45:00}*
'CEM SDR '	100.0	306.0	5.1	{86/08/31@21:45:00}*
'CEM SDR '	130.0	304.0	5.0	{86/08/31@21:45:00}*
'CEM SDR '	160.0	304.0	5.7	{86/08/31@21:45:00}*
'CEM SDR '	190.0	295.0	4.4	{86/08/31@21:45:00}*
'CEM SDR '	220.0	283.0	3.5	{86/08/31@21:45:00}*
'CEM SDR '	250.0	270.0	2.8	{86/08/31@21:45:00}*
'CEM SDR '	280.0	256.0	2.4	{86/08/31@21:45:00}*
'CEM SDR '	310.0	251.0	1.4	{86/08/31@21:45:00}*
'CEM SDR '	340.0	203.0	0.9	{86/08/31@21:45:00}*
'CEM SDR '	370.0	202.0	1.2	{86/08/31@21:45:00}*
'CEM SDR '	400.0	184.0	1.4	{86/08/31@21:45:00}*
'CEM SDR '	430.0	212.0	0.9	{86/08/31@21:45:00}*
'CEM SDR '	490.0	277.0	1.8	{86/08/31@21:45:00}*
'CEM SDR '	520.0	321.0	0.2	{86/08/31@21:45:00}*
'CEM SDR '	550.0	218.0	0.4	{86/08/31@21:45:00}*
'DIA SDR '	40.0	302.0	3.1	{86/08/31@21:45:00}*
'DIA SDR '	70.0	281.0	6.6	{86/08/31@21:45:00}*
'DIA SDR '	100.0	286.0	7.1	{86/08/31@21:45:00}*
'DIA SDR '	130.0	310.0	5.8	{86/08/31@21:45:00}*
'DIA SDR '	160.0	300.0	4.3	{86/08/31@21:45:00}*
'DIA SDR '	190.0	300.0	2.6	{86/08/31@21:45:00}*
'DIA SDR '	220.0	270.0	1.0	{86/08/31@21:45:00}*
'DIA SDR '	250.0	146.0	0.4	{86/08/31@21:45:00}*
'DIA SDR '	280.0	150.0	0.8	{86/08/31@21:45:00}*
'DIA SDR '	310.0	220.0	0.5	{86/08/31@21:45:00}*
'DIA SDR '	340.0	353.0	0.6	{86/08/31@21:45:00}*
'DIA SDR '	370.0	269.0	1.9	{86/08/31@21:45:00}*
'DIA SDR '	400.0	339.0	1.1	{86/08/31@21:45:00}*
'DIA SDR '	430.0	354.0	1.2	{86/08/31@21:45:00}*
'DIA SDR '	460.0	324.0	1.2	{86/08/31@21:45:00}*
'DIA SDR '	490.0	-99999.0	1.3	{86/08/31@21:45:00}* M
'DVC SDR '	40.0	181.0	5.5	{86/08/31@21:45:00}*
'DVC SDR '	70.0	186.0	4.9	{86/08/31@21:45:00}*
'DVC SDR '	100.0	186.0	5.2	{86/08/31@21:45:00}*
'DVC SDR '	130.0	190.0	4.5	{86/08/31@21:45:00}*
'DVC SDR '	160.0	192.0	3.7	{86/08/31@21:45:00}*
'DVC SDR '	190.0	225.0	3.5	{86/08/31@21:45:00}*
'DVC SDR '	220.0	239.0	2.5	{86/08/31@21:45:00}*
'DVC SDR '	250.0	245.0	3.1	{86/08/31@21:45:00}*
'DVC SDR '	280.0	248.0	2.8	{86/08/31@21:45:00}*
'DVC SDR '	310.0	249.0	1.8	{86/08/31@21:45:00}*
'DVC SDR '	340.0	202.0	0.3	{86/08/31@21:45:00}*
'DVC SDR '	370.0	59.0	1.3	{86/08/31@21:45:00}*
'DVC SDR '	400.0	32.0	2.2	{86/08/31@21:45:00}*

'DVC SDR '	460.0	3.0	2.7	{86/08/31@21:45:00}*}
'DVC SDR '	490.0	329.0	3.6	{86/08/31@21:45:00}*}
'DVC SDR '	550.0	316.0	3.9	{86/08/31@21:45:00}*}

METDATASET '1986AUG31_220730'

SFC

'DVC SDR '	186.0	4.0		{86/08/31@22:15:00}
'PIEDRAS '	292.0	5.7		{86/08/31@21:00:00}*}
'ROBLES '	330.0	4.6		{86/08/31@21:47:00}
'MARIA WS'	280.0	3.6		{86/08/31@21:50:00}
'OBISPO '	-99999.0	0.0		{86/08/31@21:50:00}
'CEM TWR '	313.0	5.5		{86/08/31@22:15:00}
'FOOT TWR'	299.1	7.0		{86/08/31@22:15:00}
'SERV TWR'	230.9	5.2		{86/08/31@22:15:00}
'PECH TWR'	286.5	8.1		{86/08/31@22:18:00}
'BUOY '	292.0	3.1		{86/08/31@23:00:00}*}
'DAVI TWR'	53.0	1.8		{86/08/31@23:00:00}
'GROVER '	240.0	2.2		{86/08/31@23:00:00}
'LEWIS '	185.0	4.0		{86/08/31@23:00:00}
'MARIA CD'	295.0	3.6		{86/08/31@23:00:00}
'MORRO '	260.0	2.7		{86/08/31@23:00:00}
'NIPOMO '	260.0	1.8		{86/08/31@23:00:00}
'W NIPOMO'	252.0	4.0		{86/08/31@23:00:00}

TOW

'DIAB TWR'	10.0	292.9	6.3	{86/08/31@22:15:00}
'DIAB TWR'	60.0	301.8	6.7	{86/08/31@22:15:00}

UPR

'CEM SDR '	40.0	299.0	6.4	{86/08/31@22:15:00}
'CEM SDR '	70.0	296.0	5.3	{86/08/31@22:15:00}
'CEM SDR '	130.0	290.0	6.1	{86/08/31@22:15:00}
'CEM SDR '	160.0	295.0	6.4	{86/08/31@22:15:00}
'CEM SDR '	190.0	284.0	5.8	{86/08/31@22:15:00}
'CEM SDR '	220.0	283.0	4.3	{86/08/31@22:15:00}
'CEM SDR '	250.0	271.0	4.9	{86/08/31@22:15:00}
'CEM SDR '	280.0	255.0	3.7	{86/08/31@22:15:00}
'CEM SDR '	310.0	249.0	3.0	{86/08/31@22:15:00}
'CEM SDR '	340.0	253.0	1.8	{86/08/31@22:15:00}
'CEM SDR '	370.0	253.0	1.2	{86/08/31@22:15:00}
'CEM SDR '	400.0	250.0	1.6	{86/08/31@22:15:00}
'CEM SDR '	430.0	240.0	1.5	{86/08/31@22:15:00}
'CEM SDR '	460.0	162.0	1.0	{86/08/31@22:15:00}
'CEM SDR '	490.0	199.0	1.3	{86/08/31@22:15:00}
'CEM SDR '	520.0	202.0	0.6	{86/08/31@22:15:00}
'DIA SDR '	40.0	321.0	6.1	{86/08/31@22:15:00}
'DIA SDR '	70.0	290.0	6.4	{86/08/31@22:15:00}

'DIA SDR '	100.0	307.0	6.7	{86/08/31@22:15:00}
'DIA SDR '	130.0	309.0	6.5	{86/08/31@22:15:00}
'DIA SDR '	160.0	305.0	5.6	{86/08/31@22:15:00}
'DIA SDR '	190.0	306.0	4.2	{86/08/31@22:15:00}
'DIA SDR '	220.0	302.0	3.4	{86/08/31@22:15:00}
'DIA SDR '	250.0	292.0	1.6	{86/08/31@22:15:00}
'DIA SDR '	280.0	121.0	0.1	{86/08/31@22:15:00}
'DIA SDR '	310.0	162.0	1.4	{86/08/31@22:15:00}
'DIA SDR '	340.0	128.0	1.3	{86/08/31@22:15:00}
'DIA SDR '	370.0	315.0	0.6	{86/08/31@22:15:00}
'DIA SDR '	430.0	356.0	0.4	{86/08/31@22:15:00}
'DIA SDR '	460.0	26.0	0.6	{86/08/31@22:15:00}
'DVC SDR '	40.0	186.0	4.0	{86/08/31@22:15:00}
'DVC SDR '	70.0	177.0	5.2	{86/08/31@22:15:00}
'DVC SDR '	100.0	183.0	4.6	{86/08/31@22:15:00}
'DVC SDR '	130.0	185.0	4.0	{86/08/31@22:15:00}
'DVC SDR '	160.0	196.0	3.0	{86/08/31@22:15:00}
'DVC SDR '	190.0	232.0	2.7	{86/08/31@22:15:00}
'DVC SDR '	220.0	244.0	2.6	{86/08/31@22:15:00}
'DVC SDR '	250.0	247.0	1.9	{86/08/31@22:15:00}
'DVC SDR '	280.0	252.0	1.9	{86/08/31@22:15:00}
'DVC SDR '	310.0	239.0	1.5	{86/08/31@22:15:00}
'DVC SDR '	340.0	228.0	0.4	{86/08/31@22:15:00}
'DVC SDR '	370.0	60.0	1.0	{86/08/31@22:15:00}
'DVC SDR '	400.0	36.0	2.3	{86/08/31@22:15:00}
'DVC SDR '	430.0	23.0	2.5	{86/08/31@22:15:00}
'DVC SDR '	460.0	10.0	3.6	{86/08/31@22:15:00}
'DVC SDR '	490.0	353.0	3.0	{86/08/31@22:15:00}

METDATASET '1986AUG31_222230'

SFC

'DVC SDR '	186.0	4.0	{86/08/31@22:15:00}*
'PIEDRAS '	292.0	5.7	{86/08/31@21:00:00}*
'OBISPO '	-99999.0	0.0	{86/08/31@21:50:00}*
'CEM TWR '	313.0	5.5	{86/08/31@22:15:00}*
'FOOT TWR'	299.7	6.9	{86/08/31@22:30:00}
'SERV TWR'	234.8	4.2	{86/08/31@22:30:00}
'PECH TWR'	285.5	8.4	{86/08/31@22:33:00}
'ROBLES '	200.0	7.2	{86/08/31@22:47:00}
'MARIA WS'	300.0	3.6	{86/08/31@22:51:00}
'BUOY '	292.0	3.1	{86/08/31@23:00:00}*
'DAVI TWR'	53.0	1.8	{86/08/31@23:00:00}
'GROVER '	240.0	2.2	{86/08/31@23:00:00}
'LEWIS '	185.0	4.0	{86/08/31@23:00:00}
'MARIA CD'	295.0	3.6	{86/08/31@23:00:00}

'MORRO '	260.0	2.7	{86/08/31@23:00:00}
'NIPOMO '	260.0	1.8	{86/08/31@23:00:00}
'W NIPOMO'	252.0	4.0	{86/08/31@23:00:00}
TOW			
'DIAB TWR'	10.0	294.5	6.4 {86/08/31@22:30:00}
'DIAB TWR'	60.0	301.9	6.9 {86/08/31@22:30:00}
UPR			
'CEM SDR '	40.0	299.0	6.4 {86/08/31@22:15:00}*
'CEM SDR '	70.0	296.0	5.3 {86/08/31@22:15:00}*
'CEM SDR '	130.0	290.0	6.1 {86/08/31@22:15:00}*
'CEM SDR '	160.0	295.0	6.4 {86/08/31@22:15:00}*
'CEM SDR '	190.0	284.0	5.8 {86/08/31@22:15:00}*
'CEM SDR '	220.0	283.0	4.3 {86/08/31@22:15:00}*
'CEM SDR '	250.0	271.0	4.9 {86/08/31@22:15:00}*
'CEM SDR '	280.0	255.0	3.7 {86/08/31@22:15:00}*
'CEM SDR '	310.0	249.0	3.0 {86/08/31@22:15:00}*
'CEM SDR '	340.0	253.0	1.8 {86/08/31@22:15:00}*
'CEM SDR '	370.0	253.0	1.2 {86/08/31@22:15:00}*
'CEM SDR '	400.0	250.0	1.6 {86/08/31@22:15:00}*
'CEM SDR '	430.0	240.0	1.5 {86/08/31@22:15:00}*
'CEM SDR '	460.0	162.0	1.0 {86/08/31@22:15:00}*
'CEM SDR '	490.0	199.0	1.3 {86/08/31@22:15:00}*
'CEM SDR '	520.0	202.0	0.6 {86/08/31@22:15:00}*
'DIA SDR '	40.0	321.0	6.1 {86/08/31@22:15:00}*
'DIA SDR '	70.0	290.0	6.4 {86/08/31@22:15:00}*
'DIA SDR '	100.0	307.0	6.7 {86/08/31@22:15:00}*
'DIA SDR '	130.0	309.0	6.5 {86/08/31@22:15:00}*
'DIA SDR '	160.0	305.0	5.6 {86/08/31@22:15:00}*
'DIA SDR '	190.0	306.0	4.2 {86/08/31@22:15:00}*
'DIA SDR '	220.0	302.0	3.4 {86/08/31@22:15:00}*
'DIA SDR '	250.0	292.0	1.6 {86/08/31@22:15:00}*
'DIA SDR '	280.0	121.0	0.1 {86/08/31@22:15:00}*
'DIA SDR '	310.0	162.0	1.4 {86/08/31@22:15:00}*
'DIA SDR '	340.0	128.0	1.3 {86/08/31@22:15:00}*
'DIA SDR '	370.0	315.0	0.6 {86/08/31@22:15:00}*
'DIA SDR '	430.0	356.0	0.4 {86/08/31@22:15:00}*
'DIA SDR '	460.0	26.0	0.6 {86/08/31@22:15:00}*
'DVC SDR '	40.0	186.0	4.0 {86/08/31@22:15:00}*
'DVC SDR '	70.0	177.0	5.2 {86/08/31@22:15:00}*
'DVC SDR '	100.0	183.0	4.6 {86/08/31@22:15:00}*
'DVC SDR '	130.0	185.0	4.0 {86/08/31@22:15:00}*
'DVC SDR '	160.0	196.0	3.0 {86/08/31@22:15:00}*
'DVC SDR '	190.0	232.0	2.7 {86/08/31@22:15:00}*
'DVC SDR '	220.0	244.0	2.6 {86/08/31@22:15:00}*
'DVC SDR '	250.0	247.0	1.9 {86/08/31@22:15:00}*
'DVC SDR '	280.0	252.0	1.9 {86/08/31@22:15:00}*

'DVC SDR '	310.0	239.0	1.5	{86/08/31@22:15:00}*
'DVC SDR '	340.0	228.0	0.4	{86/08/31@22:15:00}*
'DVC SDR '	370.0	60.0	1.0	{86/08/31@22:15:00}*
'DVC SDR '	400.0	36.0	2.3	{86/08/31@22:15:00}*
'DVC SDR '	430.0	23.0	2.5	{86/08/31@22:15:00}*
'DVC SDR '	460.0	10.0	3.6	{86/08/31@22:15:00}*
'DVC SDR '	490.0	353.0	3.0	{86/08/31@22:15:00}*

METDATASET '1986AUG31_223730'

SFC

'DVC SDR'	171.0	5.3	{86/08/31@22:45:00}
'CEM TWR'	311.0	5.3	{86/08/31@22:45:00}
'FOOT TWR'	299.0	7.3	{86/08/31@22:45:00}
'SERV TWR'	240.3	4.0	{86/08/31@22:45:00}
'ROBLES '	200.0	7.2	{86/08/31@22:47:00}
'PECH TWR'	287.7	9.3	{86/08/31@22:48:00}
'MARIA WS'	300.0	3.6	{86/08/31@22:51:00}
'OBISPO '	320.0	3.1	{86/08/31@22:55:00}
'BUOY '	292.0	3.1	{86/08/31@23:00:00}*
'DAVI TWR'	53.0	1.8	{86/08/31@23:00:00}
'GROVER '	240.0	2.2	{86/08/31@23:00:00}
'LEWIS '	185.0	4.0	{86/08/31@23:00:00}
'MARIA CD'	295.0	3.6	{86/08/31@23:00:00}
'MORRO '	260.0	2.7	{86/08/31@23:00:00}
'NIPOMO '	260.0	1.8	{86/08/31@23:00:00}
'W NIPOMO'	252.0	4.0	{86/08/31@23:00:00}
'PIEDRAS '	292.0	7.7	{86/09/01@00:00:00}*

TOW

'DIAB TWR' 10.0 295.7 6.8 {86/08/31@22:45:00}
 'DIAB TWR' 60.0 304.1 7.5 {86/08/31@22:45:00}

UPR

'CEM SDR '	40.0	290.0	4.0	{86/08/31@22:45:00}
'CEM SDR '	70.0	296.0	5.4	{86/08/31@22:45:00}
'CEM SDR '	100.0	304.0	5.4	{86/08/31@22:45:00}
'CEM SDR '	130.0	289.0	5.8	{86/08/31@22:45:00}
'CEM SDR '	160.0	299.0	5.6	{86/08/31@22:45:00}
'CEM SDR '	190.0	284.0	5.1	{86/08/31@22:45:00}
'CEM SDR '	220.0	283.0	4.6	{86/08/31@22:45:00}
'CEM SDR '	250.0	279.0	4.3	{86/08/31@22:45:00}
'CEM SDR '	280.0	266.0	4.0	{86/08/31@22:45:00}
'CEM SDR '	310.0	245.0	2.9	{86/08/31@22:45:00}
'CEM SDR '	340.0	224.0	3.0	{86/08/31@22:45:00}
'CEM SDR '	370.0	211.0	3.2	{86/08/31@22:45:00}
'CEM SDR '	400.0	205.0	2.8	{86/08/31@22:45:00}
'CEM SDR '	430.0	194.0	1.4	{86/08/31@22:45:00}

'CEM SDR '	460.0	162.0	1.0	{86/08/31@22:45:00}
'CEM SDR '	490.0	144.0	2.0	{86/08/31@22:45:00}
'CEM SDR '	520.0	139.0	2.0	{86/08/31@22:45:00}
'CEM SDR '	550.0	200.0	0.6	{86/08/31@22:45:00}
'DIA SDR '	40.0	306.0	7.6	{86/08/31@22:45:00}
'DIA SDR '	70.0	311.0	8.3	{86/08/31@22:45:00}
'DIA SDR '	100.0	294.0	9.3	{86/08/31@22:45:00}
'DIA SDR '	130.0	310.0	7.8	{86/08/31@22:45:00}
'DIA SDR '	160.0	309.0	6.8	{86/08/31@22:45:00}
'DIA SDR '	190.0	311.0	5.8	{86/08/31@22:45:00}
'DIA SDR '	220.0	308.0	4.3	{86/08/31@22:45:00}
'DIA SDR '	250.0	309.0	3.3	{86/08/31@22:45:00}
'DIA SDR '	280.0	307.0	2.0	{86/08/31@22:45:00}
'DIA SDR '	310.0	290.0	1.5	{86/08/31@22:45:00}
'DIA SDR '	370.0	331.0	2.3	{86/08/31@22:45:00}
'DVC SDR '	40.0	171.0	5.3	{86/08/31@22:45:00}
'DVC SDR '	70.0	175.0	4.4	{86/08/31@22:45:00}
'DVC SDR '	100.0	175.0	3.9	{86/08/31@22:45:00}
'DVC SDR '	130.0	182.0	4.0	{86/08/31@22:45:00}
'DVC SDR '	160.0	197.0	3.7	{86/08/31@22:45:00}
'DVC SDR '	190.0	231.0	2.1	{86/08/31@22:45:00}
'DVC SDR '	220.0	236.0	2.3	{86/08/31@22:45:00}
'DVC SDR '	250.0	247.0	2.7	{86/08/31@22:45:00}
'DVC SDR '	280.0	251.0	2.4	{86/08/31@22:45:00}
'DVC SDR '	310.0	238.0	0.8	{86/08/31@22:45:00}
'DVC SDR '	340.0	199.0	0.4	{86/08/31@22:45:00}
'DVC SDR '	370.0	70.0	0.6	{86/08/31@22:45:00}
'DVC SDR '	400.0	35.0	1.9	{86/08/31@22:45:00}
'DVC SDR '	430.0	43.0	2.4	{86/08/31@22:45:00}
'DVC SDR '	460.0	30.0	2.5	{86/08/31@22:45:00}
'DVC SDR '	490.0	14.0	3.2	{86/08/31@22:45:00}
'DVC SDR '	580.0	311.0	1.6	{86/08/31@22:45:00}
'DVC SDR '	610.0	290.0	2.7	{86/08/31@22:45:00}

METDATASET '1986AUG31_225230'

SFC

'DVC SDR '	171.0	5.3	{86/08/31@22:45:00}*
'CEM TWR '	311.0	5.3	{86/08/31@22:45:00}*
'ROBLES '	200.0	7.2	{86/08/31@22:47:00}
'MARIA WS'	300.0	3.6	{86/08/31@22:51:00}
'OBISPO '	320.0	3.1	{86/08/31@22:55:00}
'BUOY '	292.0	3.1	{86/08/31@23:00:00}
'DAVI TWR'	53.0	1.8	{86/08/31@23:00:00}
'FOOT TWR'	302.5	7.0	{86/08/31@23:00:00}
'GROVER '	240.0	2.2	{86/08/31@23:00:00}

'LEWIS '	185.0	4.0	{86/08/31@23:00:00}
'MARIA CD'	295.0	3.6	{86/08/31@23:00:00}
'MORRO '	260.0	2.7	{86/08/31@23:00:00}
'NIPOMO '	260.0	1.8	{86/08/31@23:00:00}
'SERV TWR'	302.7	2.4	{86/08/31@23:00:00}
'W NIPOMO'	252.0	4.0	{86/08/31@23:00:00}
'PECH TWR'	284.2	9.8	{86/08/31@23:03:00}
'PIEDRAS '	292.0	7.7	{86/09/01@00:00:00}*
TOW			
'DIAB TWR'	10.0	301.1	7.1 {86/08/31@23:00:00}
'DIAB TWR'	60.0	304.6	8.4 {86/08/31@23:00:00}
UPR			
'CEM SDR '	40.0	290.0	4.0 {86/08/31@22:45:00}*
'CEM SDR '	70.0	296.0	5.4 {86/08/31@22:45:00}*
'CEM SDR '	100.0	304.0	5.4 {86/08/31@22:45:00}*
'CEM SDR '	130.0	289.0	5.8 {86/08/31@22:45:00}*
'CEM SDR '	160.0	299.0	5.6 {86/08/31@22:45:00}*
'CEM SDR '	190.0	284.0	5.1 {86/08/31@22:45:00}*
'CEM SDR '	220.0	283.0	4.6 {86/08/31@22:45:00}*
'CEM SDR '	250.0	279.0	4.3 {86/08/31@22:45:00}*
'CEM SDR '	280.0	266.0	4.0 {86/08/31@22:45:00}*
'CEM SDR '	310.0	245.0	2.9 {86/08/31@22:45:00}*
'CEM SDR '	340.0	224.0	3.0 {86/08/31@22:45:00}*
'CEM SDR '	370.0	211.0	3.2 {86/08/31@22:45:00}*
'CEM SDR '	400.0	205.0	2.8 {86/08/31@22:45:00}*
'CEM SDR '	430.0	194.0	1.4 {86/08/31@22:45:00}*
'CEM SDR '	460.0	162.0	1.0 {86/08/31@22:45:00}*
'CEM SDR '	490.0	144.0	2.0 {86/08/31@22:45:00}*
'CEM SDR '	520.0	139.0	2.0 {86/08/31@22:45:00}*
'CEM SDR '	550.0	200.0	0.6 {86/08/31@22:45:00}*
'DIA SDR '	40.0	306.0	7.6 {86/08/31@22:45:00}*
'DIA SDR '	70.0	311.0	8.3 {86/08/31@22:45:00}*
'DIA SDR '	100.0	294.0	9.3 {86/08/31@22:45:00}*
'DIA SDR '	130.0	310.0	7.8 {86/08/31@22:45:00}*
'DIA SDR '	160.0	309.0	6.8 {86/08/31@22:45:00}*
'DIA SDR '	190.0	311.0	5.8 {86/08/31@22:45:00}*
'DIA SDR '	220.0	308.0	4.3 {86/08/31@22:45:00}*
'DIA SDR '	250.0	309.0	3.3 {86/08/31@22:45:00}*
'DIA SDR '	280.0	307.0	2.0 {86/08/31@22:45:00}*
'DIA SDR '	310.0	290.0	1.5 {86/08/31@22:45:00}*
'DIA SDR '	370.0	331.0	2.3 {86/08/31@22:45:00}*
'DVC SDR '	40.0	171.0	5.3 {86/08/31@22:45:00}*
'DVC SDR '	70.0	175.0	4.4 {86/08/31@22:45:00}*
'DVC SDR '	100.0	175.0	3.9 {86/08/31@22:45:00}*
'DVC SDR '	130.0	182.0	4.0 {86/08/31@22:45:00}*
'DVC SDR '	160.0	197.0	3.7 {86/08/31@22:45:00}*

'DVC SDR '	190.0	231.0	2.1	{86/08/31@22:45:00}*
'DVC SDR '	220.0	236.0	2.3	{86/08/31@22:45:00}*
'DVC SDR '	250.0	247.0	2.7	{86/08/31@22:45:00}*
'DVC SDR '	280.0	251.0	2.4	{86/08/31@22:45:00}*
'DVC SDR '	310.0	238.0	0.8	{86/08/31@22:45:00}*
'DVC SDR '	340.0	199.0	0.4	{86/08/31@22:45:00}*
'DVC SDR '	370.0	70.0	0.6	{86/08/31@22:45:00}*
'DVC SDR '	400.0	35.0	1.9	{86/08/31@22:45:00}*
'DVC SDR '	430.0	43.0	2.4	{86/08/31@22:45:00}*
'DVC SDR '	460.0	30.0	2.5	{86/08/31@22:45:00}*
'DVC SDR '	490.0	14.0	3.2	{86/08/31@22:45:00}*
'DVC SDR '	580.0	311.0	1.6	{86/08/31@22:45:00}*
'DVC SDR '	610.0	290.0	2.7	{86/08/31@22:45:00}*

METDATASET '1986AUG31_230730'

SFC

'DVC SDR '	181.0	4.3		{86/08/31@23:15:00}
'ROBLES '	200.0	7.2		{86/08/31@22:47:00}
'MARIA WS'	300.0	3.6		{86/08/31@22:51:00}
'OBISPO '	320.0	3.1		{86/08/31@22:55:00}
'BUOY '	292.0	3.1		{86/08/31@23:00:00}*
'CEM TWR '	291.0	5.4		{86/08/31@23:15:00}
'FOOT TWR'	301.8	7.0		{86/08/31@23:15:00}
'SERV TWR'	336.1	4.8		{86/08/31@23:15:00}
'PECH TWR'	283.9	9.4		{86/08/31@23:18:00}
'DAVI TWR'	59.0	1.9		{86/09/01@00:00:00}
'GROVER '	250.0	2.7		{86/09/01@00:00:00}
'LEWIS '	174.0	3.6		{86/09/01@00:00:00}
'MARIA CD'	301.0	4.5		{86/09/01@00:00:00}
'MORRO '	250.0	1.8		{86/09/01@00:00:00}
'NIPOMO '	280.0	1.8		{86/09/01@00:00:00}
'PIEDRAS '	292.0	7.7		{86/09/01@00:00:00}*
'W NIPOMO'	283.0	4.0		{86/09/01@00:00:00}

TOW

'DIAB TWR'	10.0	302.5	7.7	{86/08/31@23:15:00}
'DIAB TWR'	60.0	303.9	9.2	{86/08/31@23:15:00}

UPR

'CEM SDR '	40.0	286.0	7.9	{86/08/31@23:15:00}
'CEM SDR '	70.0	287.0	7.9	{86/08/31@23:15:00}
'CEM SDR '	130.0	288.0	5.1	{86/08/31@23:15:00}
'CEM SDR '	160.0	295.0	5.8	{86/08/31@23:15:00}
'CEM SDR '	190.0	292.0	4.9	{86/08/31@23:15:00}
'CEM SDR '	220.0	287.0	5.2	{86/08/31@23:15:00}
'CEM SDR '	250.0	281.0	5.1	{86/08/31@23:15:00}
'CEM SDR '	280.0	267.0	4.3	{86/08/31@23:15:00}

'CEM SDR '	310.0	255.0	3.9	{86/08/31@23:15:00}
'CEM SDR '	340.0	239.0	3.1	{86/08/31@23:15:00}
'CEM SDR '	370.0	223.0	3.2	{86/08/31@23:15:00}
'CEM SDR '	400.0	215.0	2.4	{86/08/31@23:15:00}
'CEM SDR '	430.0	246.0	1.2	{86/08/31@23:15:00}
'DIA SDR '	40.0	300.0	6.3	{86/08/31@23:15:00}
'DIA SDR '	70.0	305.0	9.2	{86/08/31@23:15:00}
'DIA SDR '	100.0	307.0	8.7	{86/08/31@23:15:00}
'DIA SDR '	130.0	306.0	8.2	{86/08/31@23:15:00}
'DIA SDR '	160.0	308.0	7.3	{86/08/31@23:15:00}
'DIA SDR '	190.0	304.0	5.7	{86/08/31@23:15:00}
'DIA SDR '	220.0	302.0	4.4	{86/08/31@23:15:00}
'DIA SDR '	250.0	301.0	3.1	{86/08/31@23:15:00}
'DIA SDR '	280.0	291.0	2.4	{86/08/31@23:15:00}
'DIA SDR '	310.0	291.0	1.3	{86/08/31@23:15:00}
'DIA SDR '	340.0	322.0	0.7	{86/08/31@23:15:00}
'DIA SDR '	370.0	69.0	0.4	{86/08/31@23:15:00}
'DIA SDR '	430.0	170.0	1.3	{86/08/31@23:15:00}
'DIA SDR '	460.0	240.0	1.0	{86/08/31@23:15:00}
'DIA SDR '	490.0	322.0	0.7	{86/08/31@23:15:00}
'DVC SDR '	40.0	181.0	4.3	{86/08/31@23:15:00}
'DVC SDR '	70.0	182.0	4.1	{86/08/31@23:15:00}
'DVC SDR '	100.0	175.0	3.7	{86/08/31@23:15:00}
'DVC SDR '	130.0	191.0	2.7	{86/08/31@23:15:00}
'DVC SDR '	160.0	235.0	2.1	{86/08/31@23:15:00}
'DVC SDR '	190.0	234.0	1.9	{86/08/31@23:15:00}
'DVC SDR '	220.0	236.0	1.7	{86/08/31@23:15:00}
'DVC SDR '	250.0	251.0	0.7	{86/08/31@23:15:00}
'DVC SDR '	280.0	153.0	0.5	{86/08/31@23:15:00}
'DVC SDR '	310.0	106.0	0.8	{86/08/31@23:15:00}
'DVC SDR '	340.0	38.0	1.2	{86/08/31@23:15:00}
'DVC SDR '	370.0	89.0	1.1	{86/08/31@23:15:00}
'DVC SDR '	400.0	98.0	2.4	{86/08/31@23:15:00}
'DVC SDR '	430.0	71.0	2.1	{86/08/31@23:15:00}
'DVC SDR '	460.0	28.0	2.5	{86/08/31@23:15:00}
'DVC SDR '	490.0	17.0	2.6	{86/08/31@23:15:00}
'DVC SDR '	520.0	13.0	3.0	{86/08/31@23:15:00}
'DVC SDR '	550.0	3.0	2.8	{86/08/31@23:15:00}
'DVC SDR '	610.0	320.0	1.6	{86/08/31@23:15:00}

METDATASET '1986AUG31_232230'

SFC

'DVC SDR '	181.0	4.3	{86/08/31@23:15:00}*{86/08/31@23:15:00}
'OBISPO '	320.0	3.1	{86/08/31@22:55:00}{86/08/31@22:55:00}
'BUOY '	292.0	3.1	{86/08/31@23:00:00}*{86/08/31@23:00:00}

'CEM TWR '	291.0	5.4	{86/08/31@23:15:00}*
'FOOT TWR'	305.3	7.0	{86/08/31@23:30:00}
'SERV TWR'	338.9	5.4	{86/08/31@23:30:00}
'PECH TWR'	282.9	9.4	{86/08/31@23:33:00}
'MARIA WS'	310.0	5.1	{86/08/31@23:50:00}
'ROBLES '	180.0	7.2	{86/08/31@23:51:00}
'DAVI TWR'	59.0	1.9	{86/09/01@00:00:00}
'GROVER '	250.0	2.7	{86/09/01@00:00:00}
'LEWIS '	174.0	3.6	{86/09/01@00:00:00}
'MARIA CD'	301.0	4.5	{86/09/01@00:00:00}
'MORRO '	250.0	1.8	{86/09/01@00:00:00}
'NIPOMO '	280.0	1.8	{86/09/01@00:00:00}
'PIEDRAS '	292.0	7.7	{86/09/01@00:00:00}*
'W NIPOMO'	283.0	4.0	{86/09/01@00:00:00}
TOW			
'DIAB TWR'	10.0	303.3	7.7 {86/08/31@23:30:00}
'DIAB TWR'	60.0	303.8	8.8 {86/08/31@23:30:00}
UPR			
'CEM SDR '	40.0	286.0	7.9 {86/08/31@23:15:00}*
'CEM SDR '	70.0	287.0	7.9 {86/08/31@23:15:00}*
'CEM SDR '	130.0	288.0	5.1 {86/08/31@23:15:00}*
'CEM SDR '	160.0	295.0	5.8 {86/08/31@23:15:00}*
'CEM SDR '	190.0	292.0	4.9 {86/08/31@23:15:00}*
'CEM SDR '	220.0	287.0	5.2 {86/08/31@23:15:00}*
'CEM SDR '	250.0	281.0	5.1 {86/08/31@23:15:00}*
'CEM SDR '	280.0	267.0	4.3 {86/08/31@23:15:00}*
'CEM SDR '	310.0	255.0	3.9 {86/08/31@23:15:00}*
'CEM SDR '	340.0	239.0	3.1 {86/08/31@23:15:00}*
'CEM SDR '	370.0	223.0	3.2 {86/08/31@23:15:00}*
'CEM SDR '	400.0	215.0	2.4 {86/08/31@23:15:00}*
'CEM SDR '	430.0	246.0	1.2 {86/08/31@23:15:00}*
'DIA SDR '	40.0	300.0	6.3 {86/08/31@23:15:00}*
'DIA SDR '	70.0	305.0	9.2 {86/08/31@23:15:00}*
'DIA SDR '	100.0	307.0	8.7 {86/08/31@23:15:00}*
'DIA SDR '	130.0	306.0	8.2 {86/08/31@23:15:00}*
'DIA SDR '	160.0	308.0	7.3 {86/08/31@23:15:00}*
'DIA SDR '	190.0	304.0	5.7 {86/08/31@23:15:00}*
'DIA SDR '	220.0	302.0	4.4 {86/08/31@23:15:00}*
'DIA SDR '	250.0	301.0	3.1 {86/08/31@23:15:00}*
'DIA SDR '	280.0	291.0	2.4 {86/08/31@23:15:00}*
'DIA SDR '	310.0	291.0	1.3 {86/08/31@23:15:00}*
'DIA SDR '	340.0	322.0	0.7 {86/08/31@23:15:00}*
'DIA SDR '	370.0	69.0	0.4 {86/08/31@23:15:00}*
'DIA SDR '	430.0	170.0	1.3 {86/08/31@23:15:00}*
'DIA SDR '	460.0	240.0	1.0 {86/08/31@23:15:00}*
'DIA SDR '	490.0	322.0	0.7 {86/08/31@23:15:00}*

'DVC SDR '	40.0	181.0	4.3	{86/08/31@23:15:00}*
'DVC SDR '	70.0	182.0	4.1	{86/08/31@23:15:00}*
'DVC SDR '	100.0	175.0	3.7	{86/08/31@23:15:00}*
'DVC SDR '	130.0	191.0	2.7	{86/08/31@23:15:00}*
'DVC SDR '	160.0	235.0	2.1	{86/08/31@23:15:00}*
'DVC SDR '	190.0	234.0	1.9	{86/08/31@23:15:00}*
'DVC SDR '	220.0	236.0	1.7	{86/08/31@23:15:00}*
'DVC SDR '	250.0	251.0	0.7	{86/08/31@23:15:00}*
'DVC SDR '	280.0	153.0	0.5	{86/08/31@23:15:00}*
'DVC SDR '	310.0	106.0	0.8	{86/08/31@23:15:00}*
'DVC SDR '	340.0	38.0	1.2	{86/08/31@23:15:00}*
'DVC SDR '	370.0	89.0	1.1	{86/08/31@23:15:00}*
'DVC SDR '	400.0	98.0	2.4	{86/08/31@23:15:00}*
'DVC SDR '	430.0	71.0	2.1	{86/08/31@23:15:00}*
'DVC SDR '	460.0	28.0	2.5	{86/08/31@23:15:00}*
'DVC SDR '	490.0	17.0	2.6	{86/08/31@23:15:00}*
'DVC SDR '	520.0	13.0	3.0	{86/08/31@23:15:00}*
'DVC SDR '	550.0	3.0	2.8	{86/08/31@23:15:00}*
'DVC SDR '	610.0	320.0	1.6	{86/08/31@23:15:00}*

METDATASET '1986AUG31 233730'

SEC

'DVC SDR '	172.0	3.7	{86/08/31@23:45:00}	
'BUOY '	292.0	3.1	{86/08/31@23:00:00}*	
'CEM TWR '	284.0	4.6	{86/08/31@23:45:00}	
'FOOT TWR'	304.8	6.9	{86/08/31@23:45:00}	
'SERV TWR'	338.9	5.7	{86/08/31@23:45:00}	
'PECH TWR'	287.9	9.6	{86/08/31@23:48:00}	
'MARIA WS'	310.0	5.1	{86/08/31@23:50:00}	
'OBISPO '	300.0	4.1	{86/08/31@23:50:00}	
'ROBLES '	180.0	7.2	{86/08/31@23:51:00}	
'DAVI TWR'	59.0	1.9	{86/09/01@00:00:00}	
'GROVER '	250.0	2.7	{86/09/01@00:00:00}	
'LEWIS '	174.0	3.6	{86/09/01@00:00:00}	
'MARIA CD'	301.0	4.5	{86/09/01@00:00:00}	
'MORRO '	250.0	1.8	{86/09/01@00:00:00}	
'NIPOMO '	280.0	1.8	{86/09/01@00:00:00}	
'PIEDRAS '	292.0	7.7	{86/09/01@00:00:00}*	
'W NIPOMO'	283.0	4.0	{86/09/01@00:00:00}	
TOW				
'DIAB TWR'	10.0	303.5	7.6	{86/08/31@23:45:00}
'DIAB TWR'	60.0	304.4	8.9	{86/08/31@23:45:00}
UPR				
'CEM SDR '	40.0	281.0	3.7	{86/08/31@23:45:00}
'CEM SDR '	70.0	274.0	4.8	{86/08/31@23:45:00}

'CEM SDR '	100.0	282.0	4.2	{86/08/31@23:45:00}
'CEM SDR '	160.0	287.0	4.2	{86/08/31@23:45:00}
'CEM SDR '	190.0	290.0	5.4	{86/08/31@23:45:00}
'CEM SDR '	220.0	282.0	3.8	{86/08/31@23:45:00}
'CEM SDR '	250.0	279.0	3.7	{86/08/31@23:45:00}
'CEM SDR '	280.0	266.0	3.7	{86/08/31@23:45:00}
'CEM SDR '	310.0	247.0	3.3	{86/08/31@23:45:00}
'CEM SDR '	340.0	225.0	2.9	{86/08/31@23:45:00}
'CEM SDR '	370.0	230.0	2.8	{86/08/31@23:45:00}
'CEM SDR '	400.0	191.0	1.6	{86/08/31@23:45:00}
'CEM SDR '	430.0	162.0	1.2	{86/08/31@23:45:00}
'CEM SDR '	460.0	130.0	2.1	{86/08/31@23:45:00}
'CEM SDR '	520.0	131.0	2.4	{86/08/31@23:45:00}
'CEM SDR '	550.0	160.0	1.9	{86/08/31@23:45:00}
'CEM SDR '	580.0	192.0	1.3	{86/08/31@23:45:00}
'DIA SDR '	40.0	292.0	7.2	{86/08/31@23:45:00}
'DIA SDR '	70.0	301.0	8.2	{86/08/31@23:45:00}
'DIA SDR '	100.0	305.0	8.3	{86/08/31@23:45:00}
'DIA SDR '	130.0	310.0	7.2	{86/08/31@23:45:00}
'DIA SDR '	160.0	307.0	6.1	{86/08/31@23:45:00}
'DIA SDR '	190.0	319.0	4.5	{86/08/31@23:45:00}
'DIA SDR '	220.0	321.0	2.5	{86/08/31@23:45:00}
'DIA SDR '	250.0	289.0	0.9	{86/08/31@23:45:00}
'DIA SDR '	280.0	183.0	0.7	{86/08/31@23:45:00}
'DIA SDR '	370.0	166.0	0.4	{86/08/31@23:45:00}
'DIA SDR '	430.0	58.0	0.7	{86/08/31@23:45:00}
'DIA SDR '	460.0	58.0	1.9	{86/08/31@23:45:00}
'DVC SDR '	40.0	172.0	3.7	{86/08/31@23:45:00}
'DVC SDR '	70.0	186.0	3.8	{86/08/31@23:45:00}
'DVC SDR '	100.0	182.0	2.8	{86/08/31@23:45:00}
'DVC SDR '	130.0	197.0	1.8	{86/08/31@23:45:00}
'DVC SDR '	160.0	248.0	1.6	{86/08/31@23:45:00}
'DVC SDR '	190.0	255.0	1.1	{86/08/31@23:45:00}
'DVC SDR '	220.0	271.0	0.7	{86/08/31@23:45:00}
'DVC SDR '	235.0	176.0	0.6	{fake ob to force backing profile}
'DVC SDR '	250.0	81.0	0.6	{86/08/31@23:45:00}
'DVC SDR '	280.0	89.0	1.6	{86/08/31@23:45:00}
'DVC SDR '	310.0	356.0	2.1	{86/08/31@23:45:00}
'DVC SDR '	340.0	64.0	1.6	{86/08/31@23:45:00}
'DVC SDR '	370.0	63.0	2.1	{86/08/31@23:45:00}
'DVC SDR '	400.0	51.0	2.4	{86/08/31@23:45:00}
'DVC SDR '	430.0	45.0	3.0	{86/08/31@23:45:00}
'DVC SDR '	460.0	14.0	2.7	{86/08/31@23:45:00}
'DVC SDR '	490.0	7.0	3.0	{86/08/31@23:45:00}
'DVC SDR '	520.0	358.0	2.9	{86/08/31@23:45:00}
'DVC SDR '	550.0	359.0	2.1	{86/08/31@23:45:00}

'DVC SDR '	580.0	331.0	2.9	{86/08/31@23:45:00}
'DVC SDR '	610.0	329.0	3.4	{86/08/31@23:45:00}

METDATASET '1986AUG31_235230'

SFC

'DVC SDR '	172.0	3.7	{86/08/31@23:45:00}*
'BUOY '	292.0	3.1	{86/08/31@23:00:00}*
'CEM TWR '	284.0	4.6	{86/08/31@23:45:00}*
'MARIA WS'	310.0	5.1	{86/08/31@23:50:00}
'OBISPO '	300.0	4.1	{86/08/31@23:50:00}
'ROBLES '	180.0	7.2	{86/08/31@23:51:00}
'DAVI TWR'	59.0	1.9	{86/09/01@00:00:00}
'FOOT TWR'	300.3	6.6	{86/09/01@00:00:00}
'GROVER '	250.0	2.7	{86/09/01@00:00:00}
'LEWIS '	174.0	3.6	{86/09/01@00:00:00}
'MARIA CD'	301.0	4.5	{86/09/01@00:00:00}
'MORRO '	250.0	1.8	{86/09/01@00:00:00}
'NIPOMO '	280.0	1.8	{86/09/01@00:00:00}
'PIEDRAS '	292.0	7.7	{86/09/01@00:00:00}
'SERV TWR'	334.9	5.8	{86/09/01@00:00:00}
'W NIPOMO'	283.0	4.0	{86/09/01@00:00:00}
'PECH TWR'	282.4	9.2	{86/09/01@00:03:00}

TOW

'DIAB TWR'	10.0	301.9	6.9	{86/09/01@00:00:00}
'DIAB TWR'	60.0	305.9	8.0	{86/09/01@00:00:00}

UPR

'CEM SDR '	40.0	281.0	3.7	{86/08/31@23:45:00}*
'CEM SDR '	70.0	274.0	4.8	{86/08/31@23:45:00}*
'CEM SDR '	100.0	282.0	4.2	{86/08/31@23:45:00}*
'CEM SDR '	160.0	287.0	4.2	{86/08/31@23:45:00}*
'CEM SDR '	190.0	290.0	5.4	{86/08/31@23:45:00}*
'CEM SDR '	220.0	282.0	3.8	{86/08/31@23:45:00}*
'CEM SDR '	250.0	279.0	3.7	{86/08/31@23:45:00}*
'CEM SDR '	280.0	266.0	3.7	{86/08/31@23:45:00}*
'CEM SDR '	310.0	247.0	3.3	{86/08/31@23:45:00}*
'CEM SDR '	340.0	225.0	2.9	{86/08/31@23:45:00}*
'CEM SDR '	370.0	230.0	2.8	{86/08/31@23:45:00}*
'CEM SDR '	400.0	191.0	1.6	{86/08/31@23:45:00}*
'CEM SDR '	430.0	162.0	1.2	{86/08/31@23:45:00}*
'CEM SDR '	460.0	130.0	2.1	{86/08/31@23:45:00}*
'CEM SDR '	520.0	131.0	2.4	{86/08/31@23:45:00}*
'CEM SDR '	550.0	160.0	1.9	{86/08/31@23:45:00}*
'CEM SDR '	580.0	192.0	1.3	{86/08/31@23:45:00}*
'DIA SDR '	40.0	292.0	7.2	{86/08/31@23:45:00}*
'DIA SDR '	70.0	301.0	8.2	{86/08/31@23:45:00}*

'DIA SDR '	100.0	305.0	8.3	{86/08/31@23:45:00}*
'DIA SDR '	130.0	310.0	7.2	{86/08/31@23:45:00}*
'DIA SDR '	160.0	307.0	6.1	{86/08/31@23:45:00}*
'DIA SDR '	190.0	319.0	4.5	{86/08/31@23:45:00}*
'DIA SDR '	220.0	321.0	2.5	{86/08/31@23:45:00}*
'DIA SDR '	250.0	289.0	0.9	{86/08/31@23:45:00}*
'DIA SDR '	280.0	183.0	0.7	{86/08/31@23:45:00}*
'DIA SDR '	370.0	166.0	0.4	{86/08/31@23:45:00}*
'DIA SDR '	430.0	58.0	0.7	{86/08/31@23:45:00}*
'DIA SDR '	460.0	58.0	1.9	{86/08/31@23:45:00}*
'DVC SDR '	40.0	172.0	3.7	{86/08/31@23:45:00}*
'DVC SDR '	70.0	186.0	3.8	{86/08/31@23:45:00}*
'DVC SDR '	100.0	182.0	2.8	{86/08/31@23:45:00}*
'DVC SDR '	130.0	197.0	1.8	{86/08/31@23:45:00}*
'DVC SDR '	160.0	248.0	1.6	{86/08/31@23:45:00}*
'DVC SDR '	190.0	255.0	1.1	{86/08/31@23:45:00}*
'DVC SDR '	220.0	271.0	0.7	{86/08/31@23:45:00}*
'DVC SDR '	235.0	176.0	0.6	{fake ob to force backing profile}
'DVC SDR '	250.0	81.0	0.6	{86/08/31@23:45:00}*
'DVC SDR '	280.0	89.0	1.6	{86/08/31@23:45:00}*
'DVC SDR '	310.0	356.0	2.1	{86/08/31@23:45:00}*
'DVC SDR '	340.0	64.0	1.6	{86/08/31@23:45:00}*
'DVC SDR '	370.0	63.0	2.1	{86/08/31@23:45:00}*
'DVC SDR '	400.0	51.0	2.4	{86/08/31@23:45:00}*
'DVC SDR '	430.0	45.0	3.0	{86/08/31@23:45:00}*
'DVC SDR '	460.0	14.0	2.7	{86/08/31@23:45:00}*
'DVC SDR '	490.0	7.0	3.0	{86/08/31@23:45:00}*
'DVC SDR '	520.0	358.0	2.9	{86/08/31@23:45:00}*
'DVC SDR '	550.0	359.0	2.1	{86/08/31@23:45:00}*
'DVC SDR '	580.0	331.0	2.9	{86/08/31@23:45:00}*
'DVC SDR '	610.0	329.0	3.4	{86/08/31@23:45:00}*

METDATASET '1986SEP01_000730'

SFC

'DVC SDR '	180.0	4.6	{86/09/01@00:15:00}
'BUOY '	292.0	3.1	{86/08/31@23:00:00}*
'MARIA WS'	310.0	5.1	{86/08/31@23:50:00}
'OBISPO '	300.0	4.1	{86/08/31@23:50:00}
'ROBLES '	180.0	7.2	{86/08/31@23:51:00}
'PIEDRAS '	292.0	7.7	{86/09/01@00:00:00}*
'CEM TWR '	308.0	3.7	{86/09/01@00:15:00}
'FOOT TWR'	301.6	6.4	{86/09/01@00:15:00}
'SERV TWR'	337.0	5.5	{86/09/01@00:15:00}
'PECH TWR'	289.2	9.0	{86/09/01@00:18:00}
'DAVI TWR'	253.0	1.9	{86/09/01@01:00:00}

'GROVER '	240.0	2.7	{86/09/01@01:00:00}
'LEWIS '	173.0	3.1	{86/09/01@01:00:00}
'MARIA CD'	303.0	3.6	{86/09/01@01:00:00}
'MORRO '	270.0	1.3	{86/09/01@01:00:00}
'NIPOMO '	270.0	1.8	{86/09/01@01:00:00}
'W NIPOMO'	259.0	3.1	{86/09/01@01:00:00}
TOW			
'DIAB TWR'	10.0	298.1	6.4 {86/09/01@00:15:00}
'DIAB TWR'	60.0	305.8	7.0 {86/09/01@00:15:00}
UPR			
'CEM SDR '	40.0	305.0	5.2 {86/09/01@00:15:00}
'CEM SDR '	70.0	297.0	4.4 {86/09/01@00:15:00}
'CEM SDR '	100.0	291.0	4.4 {86/09/01@00:15:00}
'CEM SDR '	130.0	298.0	4.5 {86/09/01@00:15:00}
'CEM SDR '	160.0	293.0	4.3 {86/09/01@00:15:00}
'CEM SDR '	190.0	296.0	4.2 {86/09/01@00:15:00}
'CEM SDR '	220.0	291.0	3.8 {86/09/01@00:15:00}
'CEM SDR '	250.0	271.0	3.6 {86/09/01@00:15:00}
'CEM SDR '	280.0	276.0	3.8 {86/09/01@00:15:00}
'CEM SDR '	310.0	256.0	3.6 {86/09/01@00:15:00}
'CEM SDR '	340.0	245.0	3.4 {86/09/01@00:15:00}
'CEM SDR '	370.0	239.0	2.5 {86/09/01@00:15:00}
'CEM SDR '	400.0	217.0	0.9 {86/09/01@00:15:00}
'CEM SDR '	430.0	164.0	1.0 {86/09/01@00:15:00}
'CEM SDR '	460.0	131.0	0.9 {86/09/01@00:15:00}
'CEM SDR '	520.0	181.0	1.9 {86/09/01@00:15:00}
'CEM SDR '	550.0	235.0	1.5 {86/09/01@00:15:00}
'CEM SDR '	580.0	246.0	1.9 {86/09/01@00:15:00}
'CEM SDR '	610.0	253.0	3.0 {86/09/01@00:15:00}
'DIA SDR '	40.0	310.0	5.2 {86/09/01@00:15:00}
'DIA SDR '	70.0	307.0	6.8 {86/09/01@00:15:00}
'DIA SDR '	100.0	306.0	6.8 {86/09/01@00:15:00}
'DIA SDR '	130.0	307.0	6.5 {86/09/01@00:15:00}
'DIA SDR '	160.0	310.0	4.7 {86/09/01@00:15:00}
'DIA SDR '	190.0	319.0	2.9 {86/09/01@00:15:00}
'DIA SDR '	220.0	292.0	1.3 {86/09/01@00:15:00}
'DIA SDR '	250.0	228.0	0.7 {86/09/01@00:15:00}
'DIA SDR '	280.0	138.0	1.4 {86/09/01@00:15:00}
'DVC SDR '	40.0	180.0	4.6 {86/09/01@00:15:00}
'DVC SDR '	70.0	184.0	3.9 {86/09/01@00:15:00}
'DVC SDR '	100.0	183.0	3.3 {86/09/01@00:15:00}
'DVC SDR '	130.0	197.0	2.0 {86/09/01@00:15:00}
'DVC SDR '	160.0	202.0	1.2 {86/09/01@00:15:00}
'DVC SDR '	190.0	218.0	1.0 {86/09/01@00:15:00}
'DVC SDR '	220.0	144.0	1.2 {86/09/01@00:15:00}
'DVC SDR '	250.0	114.0	1.4 {86/09/01@00:15:00}

'DVC SDR '	280.0	84.0	1.5	{86/09/01@00:15:00}
'DVC SDR '	310.0	74.0	2.7	{86/09/01@00:15:00}
'DVC SDR '	340.0	73.0	3.1	{86/09/01@00:15:00}
'DVC SDR '	370.0	63.0	3.1	{86/09/01@00:15:00}
'DVC SDR '	400.0	42.0	2.3	{86/09/01@00:15:00}
'DVC SDR '	430.0	28.0	3.2	{86/09/01@00:15:00}
'DVC SDR '	460.0	42.0	2.6	{86/09/01@00:15:00}
'DVC SDR '	490.0	37.0	2.4	{86/09/01@00:15:00}
'DVC SDR '	520.0	14.0	2.4	{86/09/01@00:15:00}
'DVC SDR '	550.0	334.0	2.1	{86/09/01@00:15:00}
'DVC SDR '	580.0	307.0	1.6	{86/09/01@00:15:00}

METDATASET '1986SEP01_002230'

SFC

'DVC SDR '	180.0	4.6		{86/09/01@00:15:00}*
'BUOY '	292.0	3.1		{86/08/31@23:00:00}*
'MARIA WS'	310.0	5.1		{86/08/31@23:50:00}*
'OBISPO '	300.0	4.1		{86/08/31@23:50:00}*
'ROBLES '	180.0	7.2		{86/08/31@23:51:00}*
'PIEDRAS '	292.0	7.7		{86/09/01@00:00:00}*
'CEM TWR '	308.0	3.7		{86/09/01@00:15:00}*
'FOOT TWR'	302.9	6.6		{86/09/01@00:30:00}
'SERV TWR'	339.1	5.1		{86/09/01@00:30:00}
'PECH TWR'	283.7	9.2		{86/09/01@00:33:00}
'DAVI TWR'	253.0	1.9		{86/09/01@01:00:00}
'GROVER '	240.0	2.7		{86/09/01@01:00:00}
'LEWIS '	173.0	3.1		{86/09/01@01:00:00}
'MARIA CD'	303.0	3.6		{86/09/01@01:00:00}
'MORRO '	270.0	1.3		{86/09/01@01:00:00}
'NIPOMO '	270.0	1.8		{86/09/01@01:00:00}
'W NIPOMO'	259.0	3.1		{86/09/01@01:00:00}

TOW

'DIAB TWR'	10.0	301.4	7.1	{86/09/01@00:30:00}
'DIAB TWR'	60.0	305.3	7.6	{86/09/01@00:30:00}

UPR

'CEM SDR '	40.0	305.0	5.2	{86/09/01@00:15:00}*
'CEM SDR '	70.0	297.0	4.4	{86/09/01@00:15:00}*
'CEM SDR '	100.0	291.0	4.4	{86/09/01@00:15:00}*
'CEM SDR '	130.0	298.0	4.5	{86/09/01@00:15:00}*
'CEM SDR '	160.0	293.0	4.3	{86/09/01@00:15:00}*
'CEM SDR '	190.0	296.0	4.2	{86/09/01@00:15:00}*
'CEM SDR '	220.0	291.0	3.8	{86/09/01@00:15:00}*
'CEM SDR '	250.0	271.0	3.6	{86/09/01@00:15:00}*
'CEM SDR '	280.0	276.0	3.8	{86/09/01@00:15:00}*
'CEM SDR '	310.0	256.0	3.6	{86/09/01@00:15:00}*

'CEM SDR '	340.0	245.0	3.4	{86/09/01@00:15:00}*
'CEM SDR '	370.0	239.0	2.5	{86/09/01@00:15:00}*
'CEM SDR '	400.0	217.0	0.9	{86/09/01@00:15:00}*
'CEM SDR '	430.0	164.0	1.0	{86/09/01@00:15:00}*
'CEM SDR '	460.0	131.0	0.9	{86/09/01@00:15:00}*
'CEM SDR '	520.0	181.0	1.9	{86/09/01@00:15:00}*
'CEM SDR '	550.0	235.0	1.5	{86/09/01@00:15:00}*
'CEM SDR '	580.0	246.0	1.9	{86/09/01@00:15:00}*
'CEM SDR '	610.0	253.0	3.0	{86/09/01@00:15:00}*
'DIA SDR '	40.0	310.0	5.2	{86/09/01@00:15:00}*
'DIA SDR '	70.0	307.0	6.8	{86/09/01@00:15:00}*
'DIA SDR '	100.0	306.0	6.8	{86/09/01@00:15:00}*
'DIA SDR '	130.0	307.0	6.5	{86/09/01@00:15:00}*
'DIA SDR '	160.0	310.0	4.7	{86/09/01@00:15:00}*
'DIA SDR '	190.0	319.0	2.9	{86/09/01@00:15:00}*
'DIA SDR '	220.0	292.0	1.3	{86/09/01@00:15:00}*
'DIA SDR '	250.0	228.0	0.7	{86/09/01@00:15:00}*
'DIA SDR '	280.0	138.0	1.4	{86/09/01@00:15:00}*
'DVC SDR '	40.0	180.0	4.6	{86/09/01@00:15:00}*
'DVC SDR '	70.0	184.0	3.9	{86/09/01@00:15:00}*
'DVC SDR '	100.0	183.0	3.3	{86/09/01@00:15:00}*
'DVC SDR '	130.0	197.0	2.0	{86/09/01@00:15:00}*
'DVC SDR '	160.0	202.0	1.2	{86/09/01@00:15:00}*
'DVC SDR '	190.0	218.0	1.0	{86/09/01@00:15:00}*
'DVC SDR '	220.0	144.0	1.2	{86/09/01@00:15:00}*
'DVC SDR '	250.0	114.0	1.4	{86/09/01@00:15:00}*
'DVC SDR '	280.0	84.0	1.5	{86/09/01@00:15:00}*
'DVC SDR '	310.0	74.0	2.7	{86/09/01@00:15:00}*
'DVC SDR '	340.0	73.0	3.1	{86/09/01@00:15:00}*
'DVC SDR '	370.0	63.0	3.1	{86/09/01@00:15:00}*
'DVC SDR '	400.0	42.0	2.3	{86/09/01@00:15:00}*
'DVC SDR '	430.0	28.0	3.2	{86/09/01@00:15:00}*
'DVC SDR '	460.0	42.0	2.6	{86/09/01@00:15:00}*
'DVC SDR '	490.0	37.0	2.4	{86/09/01@00:15:00}*
'DVC SDR '	520.0	14.0	2.4	{86/09/01@00:15:00}*
'DVC SDR '	550.0	334.0	2.1	{86/09/01@00:15:00}*
'DVC SDR '	580.0	307.0	1.6	{86/09/01@00:15:00}*

METDATASET '1986SEP01_003730'

SFC

'DVC SDR '	182.0	2.5	{86/09/01@00:45:00}
'BUOY '	292.0	3.1	{86/08/31@23:00:00}*
'PIEDRAS '	292.0	7.7	{86/09/01@00:00:00}*
'CEM TWR '	295.0	3.9	{86/09/01@00:45:00}
'FOOT TWR'	304.4	6.5	{86/09/01@00:45:00}

'SERV TWR'	339.3	5.6	{86/09/01@00:45:00}
'PECH TWR'	285.5	7.9	{86/09/01@00:48:00}
'ROBLES '	180.0	6.7	{86/09/01@00:54:00}
'OBISPO '	300.0	3.1	{86/09/01@00:55:00}
'MARIA WS'	310.0	4.1	{86/09/01@00:57:00}
'DAVI TWR'	253.0	1.9	{86/09/01@01:00:00}
'GROVER '	240.0	2.7	{86/09/01@01:00:00}
'LEWIS '	173.0	3.1	{86/09/01@01:00:00}
'MARIA CD'	303.0	3.6	{86/09/01@01:00:00}
'MORRO '	270.0	1.3	{86/09/01@01:00:00}
'NIPOMO '	270.0	1.8	{86/09/01@01:00:00}
'W NIPOMO'	259.0	3.1	{86/09/01@01:00:00}
TOW			
'DIAB TWR'	10.0	301.9	6.7 {86/09/01@00:45:00}
'DIAB TWR'	60.0	307.3	6.9 {86/09/01@00:45:00}
UPR			
'CEM SDR '	40.0	295.0	3.3 {86/09/01@00:45:00}
'CEM SDR '	70.0	293.0	5.3 {86/09/01@00:45:00}
'CEM SDR '	100.0	283.0	4.1 {86/09/01@00:45:00}
'CEM SDR '	130.0	289.0	3.4 {86/09/01@00:45:00}
'CEM SDR '	160.0	288.0	3.7 {86/09/01@00:45:00}
'CEM SDR '	190.0	285.0	4.0 {86/09/01@00:45:00}
'CEM SDR '	220.0	282.0	4.4 {86/09/01@00:45:00}
'CEM SDR '	250.0	274.0	3.3 {86/09/01@00:45:00}
'CEM SDR '	280.0	264.0	3.0 {86/09/01@00:45:00}
'CEM SDR '	310.0	261.0	3.2 {86/09/01@00:45:00}
'CEM SDR '	340.0	237.0	1.8 {86/09/01@00:45:00}
'CEM SDR '	370.0	242.0	1.2 {86/09/01@00:45:00}
'CEM SDR '	400.0	126.0	0.8 {86/09/01@00:45:00}
'CEM SDR '	430.0	91.0	1.0 {86/09/01@00:45:00}
'CEM SDR '	460.0	105.0	1.2 {86/09/01@00:45:00}
'CEM SDR '	520.0	137.0	1.5 {86/09/01@00:45:00}
'CEM SDR '	550.0	152.0	1.4 {86/09/01@00:45:00}
'CEM SDR '	580.0	271.0	1.4 {86/09/01@00:45:00}
'CEM SDR '	610.0	248.0	2.3 {86/09/01@00:45:00}
'DIA SDR '	40.0	297.0	7.7 {86/09/01@00:45:00}
'DIA SDR '	70.0	301.0	6.8 {86/09/01@00:45:00}
'DIA SDR '	100.0	304.0	6.0 {86/09/01@00:45:00}
'DIA SDR '	130.0	303.0	4.7 {86/09/01@00:45:00}
'DIA SDR '	160.0	306.0	3.0 {86/09/01@00:45:00}
'DIA SDR '	190.0	296.0	1.4 {86/09/01@00:45:00}
'DIA SDR '	220.0	158.0	0.4 {86/09/01@00:45:00}
'DIA SDR '	250.0	141.0	1.7 {86/09/01@00:45:00}
'DVC SDR '	40.0	182.0	2.5 {86/09/01@00:45:00}
'DVC SDR '	70.0	201.0	3.3 {86/09/01@00:45:00}
'DVC SDR '	100.0	205.0	1.8 {86/09/01@00:45:00}

'DVC SDR '	130.0	228.0	1.2	{86/09/01@00:45:00}
'DVC SDR '	160.0	242.0	0.9	{86/09/01@00:45:00}
'DVC SDR '	190.0	212.0	0.7	{86/09/01@00:45:00}
'DVC SDR '	220.0	150.0	1.0	{86/09/01@00:45:00}
'DVC SDR '	250.0	115.0	1.9	{86/09/01@00:45:00}
'DVC SDR '	280.0	92.0	1.8	{86/09/01@00:45:00}
'DVC SDR '	310.0	63.0	2.1	{86/09/01@00:45:00}
'DVC SDR '	340.0	63.0	2.3	{86/09/01@00:45:00}
'DVC SDR '	370.0	72.0	2.8	{86/09/01@00:45:00}
'DVC SDR '	400.0	49.0	3.0	{86/09/01@00:45:00}
'DVC SDR '	430.0	37.0	2.8	{86/09/01@00:45:00}
'DVC SDR '	460.0	27.0	3.5	{86/09/01@00:45:00}
'DVC SDR '	490.0	3.0	2.7	{86/09/01@00:45:00}
'DVC SDR '	520.0	347.0	2.6	{86/09/01@00:45:00}
'DVC SDR '	550.0	324.0	3.0	{86/09/01@00:45:00}
'DVC SDR '	610.0	291.0	3.8	{86/09/01@00:45:00}

METDATASET '1986SEP01_005230'

SFC

'DVC SDR '	182.0	2.5		{86/09/01@00:45:00}*
'BUOY '	292.0	3.1		{86/08/31@23:00:00}*
'PIEDRAS '	292.0	7.7		{86/09/01@00:00:00}*
'CEM TWR '	295.0	3.9		{86/09/01@00:45:00}*
'ROBLES '	180.0	6.7		{86/09/01@00:54:00}
'OBISPO '	300.0	3.1		{86/09/01@00:55:00}
'MARIA WS'	310.0	4.1		{86/09/01@00:57:00}
'DAVI TWR'	253.0	1.9		{86/09/01@01:00:00}
'FOOT TWR'	305.8	6.1		{86/09/01@01:00:00}
'GROVER '	240.0	2.7		{86/09/01@01:00:00}
'LEWIS '	173.0	3.1		{86/09/01@01:00:00}
'MARIA CD'	303.0	3.6		{86/09/01@01:00:00}
'MORRO '	270.0	1.3		{86/09/01@01:00:00}
'NIPOMO '	270.0	1.8		{86/09/01@01:00:00}
'SERV TWR'	340.7	5.8		{86/09/01@01:00:00}
'W NIPOMO'	259.0	3.1		{86/09/01@01:00:00}
'PECH TWR'	279.5	7.3		{86/09/01@01:03:00}

TOW

'DIAB TWR'	10.0	300.1	6.1	{86/09/01@01:00:00}
'DIAB TWR'	60.0	307.3	6.7	{86/09/01@01:00:00}

UPR

'CEM SDR '	40.0	295.0	3.3	{86/09/01@00:45:00}*
'CEM SDR '	70.0	293.0	5.3	{86/09/01@00:45:00}*
'CEM SDR '	100.0	283.0	4.1	{86/09/01@00:45:00}*
'CEM SDR '	130.0	289.0	3.4	{86/09/01@00:45:00}*
'CEM SDR '	160.0	288.0	3.7	{86/09/01@00:45:00}*

'CEM SDR '	190.0	285.0	4.0	{86/09/01@00:45:00}*
'CEM SDR '	220.0	282.0	4.4	{86/09/01@00:45:00}*
'CEM SDR '	250.0	274.0	3.3	{86/09/01@00:45:00}*
'CEM SDR '	280.0	264.0	3.0	{86/09/01@00:45:00}*
'CEM SDR '	310.0	261.0	3.2	{86/09/01@00:45:00}*
'CEM SDR '	340.0	237.0	1.8	{86/09/01@00:45:00}*
'CEM SDR '	370.0	242.0	1.2	{86/09/01@00:45:00}*
'CEM SDR '	400.0	126.0	0.8	{86/09/01@00:45:00}*
'CEM SDR '	430.0	91.0	1.0	{86/09/01@00:45:00}*
'CEM SDR '	460.0	105.0	1.2	{86/09/01@00:45:00}*
'CEM SDR '	520.0	137.0	1.5	{86/09/01@00:45:00}*
'CEM SDR '	550.0	152.0	1.4	{86/09/01@00:45:00}*
'CEM SDR '	580.0	271.0	1.4	{86/09/01@00:45:00}*
'CEM SDR '	610.0	248.0	2.3	{86/09/01@00:45:00}*
'DIA SDR '	40.0	297.0	7.7	{86/09/01@00:45:00}*
'DIA SDR '	70.0	301.0	6.8	{86/09/01@00:45:00}*
'DIA SDR '	100.0	304.0	6.0	{86/09/01@00:45:00}*
'DIA SDR '	130.0	303.0	4.7	{86/09/01@00:45:00}*
'DIA SDR '	160.0	306.0	3.0	{86/09/01@00:45:00}*
'DIA SDR '	190.0	296.0	1.4	{86/09/01@00:45:00}*
'DIA SDR '	220.0	158.0	0.4	{86/09/01@00:45:00}*
'DIA SDR '	250.0	141.0	1.7	{86/09/01@00:45:00}*
'DVC SDR '	40.0	182.0	2.5	{86/09/01@00:45:00}*
'DVC SDR '	70.0	201.0	3.3	{86/09/01@00:45:00}*
'DVC SDR '	100.0	205.0	1.8	{86/09/01@00:45:00}*
'DVC SDR '	130.0	228.0	1.2	{86/09/01@00:45:00}*
'DVC SDR '	160.0	242.0	0.9	{86/09/01@00:45:00}*
'DVC SDR '	190.0	212.0	0.7	{86/09/01@00:45:00}*
'DVC SDR '	220.0	150.0	1.0	{86/09/01@00:45:00}*
'DVC SDR '	250.0	115.0	1.9	{86/09/01@00:45:00}*
'DVC SDR '	280.0	92.0	1.8	{86/09/01@00:45:00}*
'DVC SDR '	310.0	63.0	2.1	{86/09/01@00:45:00}*
'DVC SDR '	340.0	63.0	2.3	{86/09/01@00:45:00}*
'DVC SDR '	370.0	72.0	2.8	{86/09/01@00:45:00}*
'DVC SDR '	400.0	49.0	3.0	{86/09/01@00:45:00}*
'DVC SDR '	430.0	37.0	2.8	{86/09/01@00:45:00}*
'DVC SDR '	460.0	27.0	3.5	{86/09/01@00:45:00}*
'DVC SDR '	490.0	3.0	2.7	{86/09/01@00:45:00}*
'DVC SDR '	520.0	347.0	2.6	{86/09/01@00:45:00}*
'DVC SDR '	550.0	324.0	3.0	{86/09/01@00:45:00}*
'DVC SDR '	610.0	291.0	3.8	{86/09/01@00:45:00}*

METDATASET '1986SEP01_010730'

SFC

'DVC SDR ' 178.0 3.4 {86/09/01@01:15:00}

'BUOY '	292.0	3.1		{86/08/31@23:00:00}*
'PIEDRAS '	292.0	7.7		{86/09/01@00:00:00}*
'ROBLES '	180.0	6.7		{86/09/01@00:54:00}
'OBISPO '	300.0	3.1		{86/09/01@00:55:00}
'MARIA WS'	310.0	4.1		{86/09/01@00:57:00}
'CEM TWR '	304.0	3.5		{86/09/01@01:15:00}
'FOOT TWR'	307.1	5.7		{86/09/01@01:15:00}
'SERV TWR'	345.7	4.8		{86/09/01@01:15:00}
'PECH TWR'	283.4	6.5		{86/09/01@01:18:00}
'DAVI TWR'	246.0	1.8		{86/09/01@02:00:00}
'GROVER '	200.0	2.2		{86/09/01@02:00:00}
'LEWIS '	177.0	3.1		{86/09/01@02:00:00}
'MARIA CD'	298.0	2.7		{86/09/01@02:00:00}
'MORRO '	240.0	1.3		{86/09/01@02:00:00}
'NIPOMO '	280.0	0.9		{86/09/01@02:00:00}
'W NIPOMO'	248.0	2.7		{86/09/01@02:00:00}
TOW				
'DIAB TWR'	10.0	299.8	5.8	{86/09/01@01:15:00}
'DIAB TWR'	60.0	307.4	5.7	{86/09/01@01:15:00}
UPR				
'CEM SDR '	40.0	310.0	3.3	{86/09/01@01:15:00}
'CEM SDR '	70.0	308.0	4.0	{86/09/01@01:15:00}
'CEM SDR '	100.0	300.0	4.3	{86/09/01@01:15:00}
'CEM SDR '	130.0	292.0	4.4	{86/09/01@01:15:00}
'CEM SDR '	160.0	292.0	4.0	{86/09/01@01:15:00}
'CEM SDR '	190.0	287.0	3.7	{86/09/01@01:15:00}
'CEM SDR '	220.0	277.0	4.0	{86/09/01@01:15:00}
'CEM SDR '	250.0	262.0	2.8	{86/09/01@01:15:00}
'CEM SDR '	280.0	264.0	2.6	{86/09/01@01:15:00}
'CEM SDR '	310.0	266.0	2.5	{86/09/01@01:15:00}
'CEM SDR '	340.0	280.0	2.4	{86/09/01@01:15:00}
'CEM SDR '	370.0	284.0	1.6	{86/09/01@01:15:00}
'CEM SDR '	400.0	42.0	0.6	{86/09/01@01:15:00}
'CEM SDR '	430.0	31.0	0.6	{86/09/01@01:15:00}
'CEM SDR '	550.0	296.0	0.9	{86/09/01@01:15:00}
'CEM SDR '	580.0	287.0	1.3	{86/09/01@01:15:00}
'CEM SDR '	610.0	274.0	3.5	{86/09/01@01:15:00}
'DIA SDR '	40.0	302.0	6.8	{86/09/01@01:15:00}
'DIA SDR '	70.0	310.0	5.1	{86/09/01@01:15:00}
'DIA SDR '	100.0	310.0	3.9	{86/09/01@01:15:00}
'DIA SDR '	130.0	311.0	1.7	{86/09/01@01:15:00}
'DIA SDR '	160.0	23.0	0.7	{86/09/01@01:15:00}
'DIA SDR '	190.0	114.0	1.6	{86/09/01@01:15:00}
'DIA SDR '	220.0	124.0	2.6	{86/09/01@01:15:00}
'DIA SDR '	250.0	114.0	2.4	{86/09/01@01:15:00}
'DIA SDR '	280.0	151.0	1.8	{86/09/01@01:15:00}

'DIA SDR '	310.0	148.0	1.4	{86/09/01@01:15:00}
'DIA SDR '	340.0	120.0	1.3	{86/09/01@01:15:00}
'DIA SDR '	370.0	106.0	1.2	{86/09/01@01:15:00}
'DIA SDR '	490.0	83.0	0.6	{86/09/01@01:15:00}
'DVC SDR '	40.0	178.0	3.4	{86/09/01@01:15:00}
'DVC SDR '	70.0	186.0	3.2	{86/09/01@01:15:00}
'DVC SDR '	100.0	190.0	2.5	{86/09/01@01:15:00}
'DVC SDR '	130.0	166.0	1.8	{86/09/01@01:15:00}
'DVC SDR '	160.0	191.0	1.0	{86/09/01@01:15:00}
'DVC SDR '	190.0	151.0	0.5	{86/09/01@01:15:00}
'DVC SDR '	220.0	143.0	0.9	{86/09/01@01:15:00}
'DVC SDR '	250.0	142.0	1.0	{86/09/01@01:15:00}
'DVC SDR '	280.0	117.0	1.7	{86/09/01@01:15:00}
'DVC SDR '	310.0	101.0	2.0	{86/09/01@01:15:00}
'DVC SDR '	340.0	77.0	1.8	{86/09/01@01:15:00}
'DVC SDR '	370.0	74.0	2.0	{86/09/01@01:15:00}
'DVC SDR '	400.0	61.0	1.9	{86/09/01@01:15:00}
'DVC SDR '	430.0	50.0	1.8	{86/09/01@01:15:00}
'DVC SDR '	460.0	27.0	2.5	{86/09/01@01:15:00}
'DVC SDR '	490.0	4.0	2.0	{86/09/01@01:15:00}
'DVC SDR '	520.0	4.0	2.6	{86/09/01@01:15:00}
'DVC SDR '	550.0	336.0	2.2	{86/09/01@01:15:00}
'DVC SDR '	580.0	312.0	2.7	{86/09/01@01:15:00}
'DVC SDR '	610.0	275.0	4.0	{86/09/01@01:15:00}

METDATASET '1986SEP01_012230'

SFC

'DVC SDR '	178.0	3.4	{86/09/01@01:15:00}*
'BUOY '	292.0	3.1	{86/08/31@23:00:00}*
'PIEDRAS '	292.0	7.7	{86/09/01@00:00:00}*
'ROBLES '	180.0	6.7	{86/09/01@00:54:00}
'OBISPO '	300.0	3.1	{86/09/01@00:55:00}
'MARIA WS'	310.0	4.1	{86/09/01@00:57:00}
'CEM TWR '	304.0	3.5	{86/09/01@01:15:00}*
'FOOT TWR'	304.5	4.7	{86/09/01@01:30:00}
'SERV TWR'	346.8	5.2	{86/09/01@01:30:00}
'PECH TWR'	289.5	4.4	{86/09/01@01:33:00}
'DAVI TWR'	246.0	1.8	{86/09/01@02:00:00}
'GROVER '	200.0	2.2	{86/09/01@02:00:00}
'LEWIS '	177.0	3.1	{86/09/01@02:00:00}
'MARIA CD'	298.0	2.7	{86/09/01@02:00:00}
'MORRO '	240.0	1.3	{86/09/01@02:00:00}
'NIPOMO '	280.0	0.9	{86/09/01@02:00:00}
'W NIPOMO'	248.0	2.7	{86/09/01@02:00:00}
TOW			

'DIAB TWR'	10.0	301.5	5.4	{86/09/01@01:30:00}
'DIAB TWR'	60.0	306.4	5.7	{86/09/01@01:30:00}
UPR				
'CEM SDR '	40.0	310.0	3.3	{86/09/01@01:15:00}*
'CEM SDR '	70.0	308.0	4.0	{86/09/01@01:15:00}*
'CEM SDR '	100.0	300.0	4.3	{86/09/01@01:15:00}*
'CEM SDR '	130.0	292.0	4.4	{86/09/01@01:15:00}*
'CEM SDR '	160.0	292.0	4.0	{86/09/01@01:15:00}*
'CEM SDR '	190.0	287.0	3.7	{86/09/01@01:15:00}*
'CEM SDR '	220.0	277.0	4.0	{86/09/01@01:15:00}*
'CEM SDR '	250.0	262.0	2.8	{86/09/01@01:15:00}*
'CEM SDR '	280.0	264.0	2.6	{86/09/01@01:15:00}*
'CEM SDR '	310.0	266.0	2.5	{86/09/01@01:15:00}*
'CEM SDR '	340.0	280.0	2.4	{86/09/01@01:15:00}*
'CEM SDR '	370.0	284.0	1.6	{86/09/01@01:15:00}*
'CEM SDR '	400.0	42.0	0.6	{86/09/01@01:15:00}*
'CEM SDR '	430.0	31.0	0.6	{86/09/01@01:15:00}*
'CEM SDR '	550.0	296.0	0.9	{86/09/01@01:15:00}*
'CEM SDR '	580.0	287.0	1.3	{86/09/01@01:15:00}*
'CEM SDR '	610.0	274.0	3.5	{86/09/01@01:15:00}*
'DIA SDR '	40.0	302.0	6.8	{86/09/01@01:15:00}*
'DIA SDR '	70.0	310.0	5.1	{86/09/01@01:15:00}*
'DIA SDR '	100.0	310.0	3.9	{86/09/01@01:15:00}*
'DIA SDR '	130.0	311.0	1.7	{86/09/01@01:15:00}*
'DIA SDR '	160.0	23.0	0.7	{86/09/01@01:15:00}*
'DIA SDR '	190.0	114.0	1.6	{86/09/01@01:15:00}*
'DIA SDR '	220.0	124.0	2.6	{86/09/01@01:15:00}*
'DIA SDR '	250.0	114.0	2.4	{86/09/01@01:15:00}*
'DIA SDR '	280.0	151.0	1.8	{86/09/01@01:15:00}*
'DIA SDR '	310.0	148.0	1.4	{86/09/01@01:15:00}*
'DIA SDR '	340.0	120.0	1.3	{86/09/01@01:15:00}*
'DIA SDR '	370.0	106.0	1.2	{86/09/01@01:15:00}*
'DIA SDR '	490.0	83.0	0.6	{86/09/01@01:15:00}*
'DVC SDR '	40.0	178.0	3.4	{86/09/01@01:15:00}*
'DVC SDR '	70.0	186.0	3.2	{86/09/01@01:15:00}*
'DVC SDR '	100.0	190.0	2.5	{86/09/01@01:15:00}*
'DVC SDR '	130.0	166.0	1.8	{86/09/01@01:15:00}*
'DVC SDR '	160.0	191.0	1.0	{86/09/01@01:15:00}*
'DVC SDR '	190.0	151.0	0.5	{86/09/01@01:15:00}*
'DVC SDR '	220.0	143.0	0.9	{86/09/01@01:15:00}*
'DVC SDR '	250.0	142.0	1.0	{86/09/01@01:15:00}*
'DVC SDR '	280.0	117.0	1.7	{86/09/01@01:15:00}*
'DVC SDR '	310.0	101.0	2.0	{86/09/01@01:15:00}*
'DVC SDR '	340.0	77.0	1.8	{86/09/01@01:15:00}*
'DVC SDR '	370.0	74.0	2.0	{86/09/01@01:15:00}*
'DVC SDR '	400.0	61.0	1.9	{86/09/01@01:15:00}*

'DVC SDR '	430.0	50.0	1.8	{86/09/01@01:15:00}*
'DVC SDR '	460.0	27.0	2.5	{86/09/01@01:15:00}*
'DVC SDR '	490.0	4.0	2.0	{86/09/01@01:15:00}*
'DVC SDR '	520.0	4.0	2.6	{86/09/01@01:15:00}*
'DVC SDR '	550.0	336.0	2.2	{86/09/01@01:15:00}*
'DVC SDR '	580.0	312.0	2.7	{86/09/01@01:15:00}*
'DVC SDR '	610.0	275.0	4.0	{86/09/01@01:15:00}*

METDATASET '1986SEP01_013730'

SFC

'DVC SDR '	189.0	1.6		{86/09/01@01:45:00}
'BUOY '	292.0	3.1		{86/08/31@23:00:00}*
'PIEDRAS '	292.0	7.7		{86/09/01@00:00:00}*
'CEM TWR '	298.0	3.5		{86/09/01@01:45:00}
'FOOT TWR'	303.4	5.1		{86/09/01@01:45:00}
'SERV TWR'	347.1	4.9		{86/09/01@01:45:00}
'PECH TWR'	289.9	4.2		{86/09/01@01:48:00}
'MARIA WS'	310.0	3.1		{86/09/01@01:50:00}
'OBISPO '	300.0	2.6		{86/09/01@01:50:00}
'ROBLES '	190.0	7.7		{86/09/01@01:57:00}
'DAVI TWR'	246.0	1.8		{86/09/01@02:00:00}
'GROVER '	200.0	2.2		{86/09/01@02:00:00}
'LEWIS '	177.0	3.1		{86/09/01@02:00:00}
'MARIA CD'	298.0	2.7		{86/09/01@02:00:00}
'MORRO '	240.0	1.3		{86/09/01@02:00:00}
'NIPOMO '	280.0	0.9		{86/09/01@02:00:00}
'W NIPOMO'	248.0	2.7		{86/09/01@02:00:00}

TOW

'DIAB TWR'	10.0	301.2	5.2	{86/09/01@01:45:00}
'DIAB TWR'	60.0	307.8	4.7	{86/09/01@01:45:00}

UPR

'CEM SDR '	40.0	298.0	5.1	{86/09/01@01:45:00}
'CEM SDR '	70.0	295.0	4.2	{86/09/01@01:45:00}
'CEM SDR '	100.0	297.0	4.2	{86/09/01@01:45:00}
'CEM SDR '	130.0	296.0	4.4	{86/09/01@01:45:00}
'CEM SDR '	160.0	294.0	3.9	{86/09/01@01:45:00}
'CEM SDR '	190.0	291.0	3.6	{86/09/01@01:45:00}
'CEM SDR '	220.0	288.0	3.0	{86/09/01@01:45:00}
'CEM SDR '	250.0	268.0	2.6	{86/09/01@01:45:00}
'CEM SDR '	280.0	256.0	2.1	{86/09/01@01:45:00}
'CEM SDR '	310.0	253.0	1.4	{86/09/01@01:45:00}
'CEM SDR '	340.0	273.0	1.6	{86/09/01@01:45:00}
'CEM SDR '	370.0	269.0	1.2	{86/09/01@01:45:00}
'CEM SDR '	460.0	146.0	1.6	{86/09/01@01:45:00}
'CEM SDR '	490.0	174.0	1.7	{86/09/01@01:45:00}

'CEM SDR '	520.0	167.0	1.3	{86/09/01@01:45:00}
'CEM SDR '	550.0	286.0	0.7	{86/09/01@01:45:00}
'CEM SDR '	580.0	285.0	1.9	{86/09/01@01:45:00}
'CEM SDR '	610.0	314.0	2.4	{86/09/01@01:45:00}
'DIA SDR '	40.0	302.0	4.4	{86/09/01@01:45:00}
'DIA SDR '	70.0	306.0	3.8	{86/09/01@01:45:00}
'DIA SDR '	100.0	307.0	3.3	{86/09/01@01:45:00}
'DIA SDR '	130.0	300.0	1.6	{86/09/01@01:45:00}
'DIA SDR '	160.0	250.0	0.5	{86/09/01@01:45:00}
'DIA SDR '	190.0	115.0	1.8	{86/09/01@01:45:00}
'DIA SDR '	220.0	122.0	1.5	{86/09/01@01:45:00}
'DIA SDR '	250.0	137.0	1.8	{86/09/01@01:45:00}
'DIA SDR '	280.0	132.0	1.0	{86/09/01@01:45:00}
'DIA SDR '	310.0	167.0	1.5	{86/09/01@01:45:00}
'DIA SDR '	340.0	107.0	0.5	{86/09/01@01:45:00}
'DIA SDR '	370.0	118.0	0.3	{86/09/01@01:45:00}
'DIA SDR '	400.0	169.0	1.1	{86/09/01@01:45:00}
'DVC SDR '	40.0	189.0	1.6	{86/09/01@01:45:00}
'DVC SDR '	70.0	195.0	1.9	{86/09/01@01:45:00}
'DVC SDR '	100.0	159.0	2.4	{86/09/01@01:45:00}
'DVC SDR '	130.0	128.0	1.0	{86/09/01@01:45:00}
'DVC SDR '	160.0	121.0	1.5	{86/09/01@01:45:00}
'DVC SDR '	190.0	137.0	1.7	{86/09/01@01:45:00}
'DVC SDR '	220.0	126.0	1.8	{86/09/01@01:45:00}
'DVC SDR '	250.0	134.0	0.8	{86/09/01@01:45:00}
'DVC SDR '	280.0	162.0	0.7	{86/09/01@01:45:00}
'DVC SDR '	310.0	160.0	1.1	{86/09/01@01:45:00}
'DVC SDR '	340.0	220.0	0.4	{86/09/01@01:45:00}
'DVC SDR '	370.0	97.0	0.9	{86/09/01@01:45:00}
'DVC SDR '	400.0	105.0	1.0	{86/09/01@01:45:00}
'DVC SDR '	430.0	95.0	1.8	{86/09/01@01:45:00}
'DVC SDR '	460.0	51.0	1.8	{86/09/01@01:45:00}
'DVC SDR '	490.0	349.0	2.0	{86/09/01@01:45:00}
'DVC SDR '	520.0	346.0	2.2	{86/09/01@01:45:00}
'DVC SDR '	550.0	310.0	2.7	{86/09/01@01:45:00}
'DVC SDR '	580.0	293.0	3.6	{86/09/01@01:45:00}

METDATASET '1986SEP01_015230'

SFC

'DVC SDR '	189.0	1.6	{86/09/01@01:45:00}*
'BUOY '	292.0	3.1	{86/08/31@23:00:00}*
'PIEDRAS '	292.0	7.7	{86/09/01@00:00:00}*
'CEM TWR '	298.0	3.5	{86/09/01@01:45:00}*
'MARIA WS'	310.0	3.1	{86/09/01@01:50:00}
'OBISPO '	300.0	2.6	{86/09/01@01:50:00}*

'ROBLES '	190.0	7.7	{86/09/01@01:57:00}
'DAVI TWR'	246.0	1.8	{86/09/01@02:00:00}
'FOOT TWR'	306.8	4.6	{86/09/01@02:00:00}
'GROVER '	200.0	2.2	{86/09/01@02:00:00}
'LEWIS '	177.0	3.1	{86/09/01@02:00:00}
'MARIA CD'	298.0	2.7	{86/09/01@02:00:00}
'MORRO '	240.0	1.3	{86/09/01@02:00:00}
'NIPOMO '	280.0	0.9	{86/09/01@02:00:00}
'SERV TWR'	344.9	5.2	{86/09/01@02:00:00}
'W NIPOMO'	248.0	2.7	{86/09/01@02:00:00}
'PECH TWR'	286.9	4.1	{86/09/01@02:03:00}
TOW			
'DIAB TWR'	10.0	304.1	4.9 {86/09/01@02:00:00}
'DIAB TWR'	60.0	313.8	4.2 {86/09/01@02:00:00}
UPR			
'CEM SDR '	40.0	298.0	5.1 {86/09/01@01:45:00}*
'CEM SDR '	70.0	295.0	4.2 {86/09/01@01:45:00}*
'CEM SDR '	100.0	297.0	4.2 {86/09/01@01:45:00}*
'CEM SDR '	130.0	296.0	4.4 {86/09/01@01:45:00}*
'CEM SDR '	160.0	294.0	3.9 {86/09/01@01:45:00}*
'CEM SDR '	190.0	291.0	3.6 {86/09/01@01:45:00}*
'CEM SDR '	220.0	288.0	3.0 {86/09/01@01:45:00}*
'CEM SDR '	250.0	268.0	2.6 {86/09/01@01:45:00}*
'CEM SDR '	280.0	256.0	2.1 {86/09/01@01:45:00}*
'CEM SDR '	310.0	253.0	1.4 {86/09/01@01:45:00}*
'CEM SDR '	340.0	273.0	1.6 {86/09/01@01:45:00}*
'CEM SDR '	370.0	269.0	1.2 {86/09/01@01:45:00}*
'CEM SDR '	460.0	146.0	1.6 {86/09/01@01:45:00}*
'CEM SDR '	490.0	174.0	1.7 {86/09/01@01:45:00}*
'CEM SDR '	520.0	167.0	1.3 {86/09/01@01:45:00}*
'CEM SDR '	550.0	286.0	0.7 {86/09/01@01:45:00}*
'CEM SDR '	580.0	285.0	1.9 {86/09/01@01:45:00}*
'CEM SDR '	610.0	314.0	2.4 {86/09/01@01:45:00}*
'DIA SDR '	40.0	302.0	4.4 {86/09/01@01:45:00}*
'DIA SDR '	70.0	306.0	3.8 {86/09/01@01:45:00}*
'DIA SDR '	100.0	307.0	3.3 {86/09/01@01:45:00}*
'DIA SDR '	130.0	300.0	1.6 {86/09/01@01:45:00}*
'DIA SDR '	160.0	250.0	0.5 {86/09/01@01:45:00}*
'DIA SDR '	190.0	115.0	1.8 {86/09/01@01:45:00}*
'DIA SDR '	220.0	122.0	1.5 {86/09/01@01:45:00}*
'DIA SDR '	250.0	137.0	1.8 {86/09/01@01:45:00}*
'DIA SDR '	280.0	132.0	1.0 {86/09/01@01:45:00}*
'DIA SDR '	310.0	167.0	1.5 {86/09/01@01:45:00}*
'DIA SDR '	340.0	107.0	0.5 {86/09/01@01:45:00}*
'DIA SDR '	370.0	118.0	0.3 {86/09/01@01:45:00}*
'DIA SDR '	400.0	169.0	1.1 {86/09/01@01:45:00}*

METDATASET '1986SEP01 020730'

SFC

'DVC SDR '	108.0	1.4	{86/09/01@02:15:00}	
'PIEDRAS '	292.0	7.7	{86/09/01@00:00:00}*	
'MARIA WS'	310.0	3.1	{86/09/01@01:50:00}	
'OBISPO '	300.0	2.6	{86/09/01@01:50:00}*	
'ROBLES '	190.0	7.7	{86/09/01@01:57:00}	
'CEM TWR '	280.0	2.9	{86/09/01@02:15:00}	
'FOOT TWR'	308.0	4.1	{86/09/01@02:15:00}	
'SERV TWR'	350.8	4.4	{86/09/01@02:15:00}	
'PECH TWR'	282.4	3.0	{86/09/01@02:18:00}	
'DAVI TWR'	235.0	2.0	{86/09/01@03:00:00}	
'GROVER '	150.0	2.2	{86/09/01@03:00:00}	
'LEWIS '	150.0	2.2	{86/09/01@03:00:00}	
'MARIA CD'	303.0	1.8	{86/09/01@03:00:00}	
'MORRO '	250.0	0.9	{86/09/01@03:00:00}	
'NIPOMO '	230.0	0.9	{86/09/01@03:00:00}	
'W NIPOMO'	222.0	1.8	{86/09/01@03:00:00}	
'BUOY '	315.0	2.1	{86/09/01@05:00:00}*	
TOW				
'DIAB TWR'	10.0	302.1	4.8	{86/09/01@02:15:00}
'DIAB TWR'	60.0	308.9	4.4	{86/09/01@02:15:00}
UPR				
'CEM SDR '	40.0	293.0	3.5	{86/09/01@02:15:00}
'CEM SDR '	70.0	278.0	2.9	{86/09/01@02:15:00}

'CEM SDR '	100.0	279.0	3.2	{86/09/01@02:15:00}
'CEM SDR '	130.0	285.0	3.4	{86/09/01@02:15:00}
'CEM SDR '	160.0	287.0	2.9	{86/09/01@02:15:00}
'CEM SDR '	190.0	297.0	3.2	{86/09/01@02:15:00}
'CEM SDR '	220.0	297.0	3.3	{86/09/01@02:15:00}
'CEM SDR '	250.0	287.0	2.5	{86/09/01@02:15:00}
'CEM SDR '	280.0	281.0	2.6	{86/09/01@02:15:00}
'CEM SDR '	310.0	264.0	1.9	{86/09/01@02:15:00}
'CEM SDR '	340.0	243.0	0.9	{86/09/01@02:15:00}
'CEM SDR '	370.0	300.0	1.0	{86/09/01@02:15:00}
'CEM SDR '	520.0	165.0	0.4	{86/09/01@02:15:00}
'CEM SDR '	550.0	289.0	1.9	{86/09/01@02:15:00}
'CEM SDR '	580.0	288.0	2.7	{86/09/01@02:15:00}
'DIA SDR '	40.0	303.0	3.8	{86/09/01@02:15:00}
'DIA SDR '	70.0	309.0	4.0	{86/09/01@02:15:00}
'DIA SDR '	100.0	299.0	3.9	{86/09/01@02:15:00}
'DIA SDR '	130.0	292.0	2.6	{86/09/01@02:15:00}
'DIA SDR '	160.0	257.0	1.8	{86/09/01@02:15:00}
'DIA SDR '	190.0	222.0	0.5	{86/09/01@02:15:00}
'DIA SDR '	220.0	113.0	0.3	{86/09/01@02:15:00}
'DIA SDR '	250.0	118.0	1.5	{86/09/01@02:15:00}
'DIA SDR '	280.0	99.0	1.9	{86/09/01@02:15:00}
'DIA SDR '	310.0	120.0	1.5	{86/09/01@02:15:00}
'DIA SDR '	340.0	123.0	1.3	{86/09/01@02:15:00}
'DIA SDR '	370.0	143.0	0.7	{86/09/01@02:15:00}
'DIA SDR '	430.0	153.0	0.9	{86/09/01@02:15:00}
'DIA SDR '	520.0	280.0	2.2	{86/09/01@02:15:00}
'DIA SDR '	550.0	313.0	3.4	{86/09/01@02:15:00}
'DVC SDR '	40.0	108.0	1.4	{86/09/01@02:15:00}
'DVC SDR '	70.0	107.0	1.5	{86/09/01@02:15:00}
'DVC SDR '	100.0	91.0	1.5	{86/09/01@02:15:00}
'DVC SDR '	130.0	71.0	1.0	{86/09/01@02:15:00}
'DVC SDR '	160.0	100.0	1.6	{86/09/01@02:15:00}
'DVC SDR '	190.0	87.0	1.0	{86/09/01@02:15:00}
'DVC SDR '	220.0	81.0	1.2	{86/09/01@02:15:00}
'DVC SDR '	250.0	84.0	1.7	{86/09/01@02:15:00}
'DVC SDR '	280.0	88.0	2.1	{86/09/01@02:15:00}
'DVC SDR '	310.0	72.0	1.7	{86/09/01@02:15:00}
'DVC SDR '	340.0	80.0	1.3	{86/09/01@02:15:00}
'DVC SDR '	370.0	99.0	1.0	{86/09/01@02:15:00}
'DVC SDR '	400.0	99.0	1.4	{86/09/01@02:15:00}
'DVC SDR '	430.0	57.0	1.7	{86/09/01@02:15:00}
'DVC SDR '	460.0	13.0	1.5	{86/09/01@02:15:00}
'DVC SDR '	490.0	330.0	1.6	{86/09/01@02:15:00}
'DVC SDR '	520.0	317.0	2.5	{86/09/01@02:15:00}
'DVC SDR '	550.0	309.0	2.5	{86/09/01@02:15:00}

'DVC SDR ' 580.0 287.0 2.7 {86/09/01@02:15:00}

METDATASET '1986SEP01_022230'

SFC

'DVC SDR '	108.0	1.4	{86/09/01@02:15:00}*
'PIEDRAS '	292.0	7.7	{86/09/01@00:00:00}*
'MARIA WS'	310.0	3.1	{86/09/01@01:50:00}*
'OBISPO '	300.0	2.6	{86/09/01@01:50:00}*
'ROBLES '	190.0	7.7	{86/09/01@01:57:00}*
'CEM TWR '	280.0	2.9	{86/09/01@02:15:00}*
'FOOT TWR'	312.6	3.4	{86/09/01@02:30:00}*
'SERV TWR'	347.1	3.8	{86/09/01@02:30:00}*
'PECH TWR'	161.0	1.4	{86/09/01@02:33:00}*
'DAVI TWR'	235.0	2.0	{86/09/01@03:00:00}*
'GROVER '	150.0	2.2	{86/09/01@03:00:00}*
'LEWIS '	150.0	2.2	{86/09/01@03:00:00}*
'MARIA CD'	303.0	1.8	{86/09/01@03:00:00}*
'MORRO '	250.0	0.9	{86/09/01@03:00:00}*
'NIPOMO '	230.0	0.9	{86/09/01@03:00:00}*
'W NIPOMO'	222.0	1.8	{86/09/01@03:00:00}*
'BUOY '	315.0	2.1	{86/09/01@05:00:00}*

TOW

'DIAB TWR'	10.0	299.1	3.5	{86/09/01@02:30:00}*
'DIAB TWR'	60.0	305.4	3.1	{86/09/01@02:30:00}*

UPR

'CEM SDR '	40.0	293.0	3.5	{86/09/01@02:15:00}*
'CEM SDR '	70.0	278.0	2.9	{86/09/01@02:15:00}*
'CEM SDR '	100.0	279.0	3.2	{86/09/01@02:15:00}*
'CEM SDR '	130.0	285.0	3.4	{86/09/01@02:15:00}*
'CEM SDR '	160.0	287.0	2.9	{86/09/01@02:15:00}*
'CEM SDR '	190.0	297.0	3.2	{86/09/01@02:15:00}*
'CEM SDR '	220.0	297.0	3.3	{86/09/01@02:15:00}*
'CEM SDR '	250.0	287.0	2.5	{86/09/01@02:15:00}*
'CEM SDR '	280.0	281.0	2.6	{86/09/01@02:15:00}*
'CEM SDR '	310.0	264.0	1.9	{86/09/01@02:15:00}*
'CEM SDR '	340.0	243.0	0.9	{86/09/01@02:15:00}*
'CEM SDR '	370.0	300.0	1.0	{86/09/01@02:15:00}*
'CEM SDR '	520.0	165.0	0.4	{86/09/01@02:15:00}*
'CEM SDR '	550.0	289.0	1.9	{86/09/01@02:15:00}*
'CEM SDR '	580.0	288.0	2.7	{86/09/01@02:15:00}*
'DIA SDR '	40.0	303.0	3.8	{86/09/01@02:15:00}*
'DIA SDR '	70.0	309.0	4.0	{86/09/01@02:15:00}*
'DIA SDR '	100.0	299.0	3.9	{86/09/01@02:15:00}*
'DIA SDR '	130.0	292.0	2.6	{86/09/01@02:15:00}*
'DIA SDR '	160.0	257.0	1.8	{86/09/01@02:15:00}*

'DIA SDR '	190.0	222.0	0.5	{86/09/01@02:15:00}*
'DIA SDR '	220.0	113.0	0.3	{86/09/01@02:15:00}*
'DIA SDR '	250.0	118.0	1.5	{86/09/01@02:15:00}*
'DIA SDR '	280.0	99.0	1.9	{86/09/01@02:15:00}*
'DIA SDR '	310.0	120.0	1.5	{86/09/01@02:15:00}*
'DIA SDR '	340.0	123.0	1.3	{86/09/01@02:15:00}*
'DIA SDR '	370.0	143.0	0.7	{86/09/01@02:15:00}*
'DIA SDR '	430.0	153.0	0.9	{86/09/01@02:15:00}*
'DIA SDR '	520.0	280.0	2.2	{86/09/01@02:15:00}*
'DIA SDR '	550.0	313.0	3.4	{86/09/01@02:15:00}*
'DVC SDR '	40.0	108.0	1.4	{86/09/01@02:15:00}*
'DVC SDR '	70.0	107.0	1.5	{86/09/01@02:15:00}*
'DVC SDR '	100.0	91.0	1.5	{86/09/01@02:15:00}*
'DVC SDR '	130.0	71.0	1.0	{86/09/01@02:15:00}*
'DVC SDR '	160.0	100.0	1.6	{86/09/01@02:15:00}*
'DVC SDR '	190.0	87.0	1.0	{86/09/01@02:15:00}*
'DVC SDR '	220.0	81.0	1.2	{86/09/01@02:15:00}*
'DVC SDR '	250.0	84.0	1.7	{86/09/01@02:15:00}*
'DVC SDR '	280.0	88.0	2.1	{86/09/01@02:15:00}*
'DVC SDR '	310.0	72.0	1.7	{86/09/01@02:15:00}*
'DVC SDR '	340.0	80.0	1.3	{86/09/01@02:15:00}*
'DVC SDR '	370.0	99.0	1.0	{86/09/01@02:15:00}*
'DVC SDR '	400.0	99.0	1.4	{86/09/01@02:15:00}*
'DVC SDR '	430.0	57.0	1.7	{86/09/01@02:15:00}*
'DVC SDR '	460.0	13.0	1.5	{86/09/01@02:15:00}*
'DVC SDR '	490.0	330.0	1.6	{86/09/01@02:15:00}*
'DVC SDR '	520.0	317.0	2.5	{86/09/01@02:15:00}*
'DVC SDR '	550.0	309.0	2.5	{86/09/01@02:15:00}*
'DVC SDR '	580.0	287.0	2.7	{86/09/01@02:15:00}*

METDATASET '1986SEP01_023730'

SFC

'DVC SDR '	110.0	2.4	{86/09/01@02:45:00}
'PIEDRAS '	292.0	7.7	{86/09/01@00:00:00}*
'MARIA WS'	310.0	3.1	{86/09/01@01:50:00}*
'OBISPO '	300.0	2.6	{86/09/01@01:50:00}*
'CEM TWR '	302.0	2.1	{86/09/01@02:45:00}
'FOOT TWR'	319.5	2.9	{86/09/01@02:45:00}
'SERV TWR'	346.9	3.5	{86/09/01@02:45:00}
'PECH TWR'	128.1	2.9	{86/09/01@02:48:00}
'ROBLES '	170.0	5.7	{86/09/01@02:51:00}
'DAVI TWR'	235.0	2.0	{86/09/01@03:00:00}
'GROVER '	150.0	2.2	{86/09/01@03:00:00}
'LEWIS '	150.0	2.2	{86/09/01@03:00:00}
'MARIA CD'	303.0	1.8	{86/09/01@03:00:00}

'MORRO '	250.0	0.9	{86/09/01@03:00:00}
'NIPOMO '	230.0	0.9	{86/09/01@03:00:00}
'W NIPOMO'	222.0	1.8	{86/09/01@03:00:00}
'BUOY '	315.0	2.1	{86/09/01@05:00:00}* TOW
'DIAB TWR'	10.0	299.8	2.7 {86/09/01@02:45:00}
'DIAB TWR'	60.0	300.1	2.1 {86/09/01@02:45:00}
UPR			
'CEM SDR '	40.0	307.0	3.3 {86/09/01@02:45:00}
'CEM SDR '	70.0	301.0	2.4 {86/09/01@02:45:00}
'CEM SDR '	100.0	287.0	2.4 {86/09/01@02:45:00}
'CEM SDR '	130.0	284.0	2.8 {86/09/01@02:45:00}
'CEM SDR '	160.0	284.0	2.4 {86/09/01@02:45:00}
'CEM SDR '	190.0	268.0	2.4 {86/09/01@02:45:00}
'CEM SDR '	220.0	270.0	2.6 {86/09/01@02:45:00}
'CEM SDR '	250.0	270.0	2.7 {86/09/01@02:45:00}
'CEM SDR '	280.0	239.0	1.6 {86/09/01@02:45:00}
'CEM SDR '	310.0	223.0	1.3 {86/09/01@02:45:00}
'CEM SDR '	340.0	164.0	0.7 {86/09/01@02:45:00}
'CEM SDR '	370.0	107.0	0.5 {86/09/01@02:45:00}
'CEM SDR '	400.0	120.0	1.3 {86/09/01@02:45:00}
'CEM SDR '	430.0	131.0	1.6 {86/09/01@02:45:00}
'CEM SDR '	460.0	134.0	2.0 {86/09/01@02:45:00}
'CEM SDR '	490.0	147.0	1.7 {86/09/01@02:45:00}
'CEM SDR '	520.0	216.0	1.3 {86/09/01@02:45:00}
'CEM SDR '	550.0	258.0	1.3 {86/09/01@02:45:00}
'CEM SDR '	580.0	269.0	1.6 {86/09/01@02:45:00}
'CEM SDR '	610.0	300.0	3.8 {86/09/01@02:45:00}
'DIA SDR '	40.0	308.0	3.0 {86/09/01@02:45:00}
'DIA SDR '	70.0	271.0	1.2 {86/09/01@02:45:00}
'DIA SDR '	100.0	314.0	0.3 {86/09/01@02:45:00}
'DIA SDR '	130.0	100.0	1.4 {86/09/01@02:45:00}
'DIA SDR '	160.0	126.0	2.1 {86/09/01@02:45:00}
'DIA SDR '	190.0	116.0	2.9 {86/09/01@02:45:00}
'DIA SDR '	220.0	106.0	3.6 {86/09/01@02:45:00}
'DIA SDR '	250.0	118.0	3.3 {86/09/01@02:45:00}
'DIA SDR '	280.0	118.0	3.0 {86/09/01@02:45:00}
'DIA SDR '	310.0	113.0	3.0 {86/09/01@02:45:00}
'DIA SDR '	340.0	119.0	2.4 {86/09/01@02:45:00}
'DIA SDR '	370.0	128.0	1.9 {86/09/01@02:45:00}
'DIA SDR '	400.0	109.0	1.3 {86/09/01@02:45:00}
'DIA SDR '	430.0	129.0	0.9 {86/09/01@02:45:00}
'DIA SDR '	460.0	165.0	1.5 {86/09/01@02:45:00}
'DIA SDR '	520.0	266.0	1.1 {86/09/01@02:45:00}
'DIA SDR '	550.0	305.0	3.0 {86/09/01@02:45:00}
'DIA SDR '	580.0	313.0	4.4 {86/09/01@02:45:00}

'DIA SDR '	610.0	312.0	7.0	{86/09/01@02:45:00}
'DVC SDR '	40.0	110.0	2.4	{86/09/01@02:45:00}
'DVC SDR '	100.0	85.0	2.5	{86/09/01@02:45:00}
'DVC SDR '	130.0	71.0	2.6	{86/09/01@02:45:00}
'DVC SDR '	160.0	61.0	2.2	{86/09/01@02:45:00}
'DVC SDR '	190.0	55.0	2.8	{86/09/01@02:45:00}
'DVC SDR '	220.0	41.0	2.0	{86/09/01@02:45:00}
'DVC SDR '	250.0	43.0	2.1	{86/09/01@02:45:00}
'DVC SDR '	280.0	38.0	1.9	{86/09/01@02:45:00}
'DVC SDR '	310.0	34.0	1.6	{86/09/01@02:45:00}
'DVC SDR '	340.0	41.0	1.2	{86/09/01@02:45:00}
'DVC SDR '	370.0	42.0	1.3	{86/09/01@02:45:00}
'DVC SDR '	400.0	52.0	1.5	{86/09/01@02:45:00}
'DVC SDR '	430.0	96.0	1.7	{86/09/01@02:45:00}
'DVC SDR '	460.0	42.0	1.2	{86/09/01@02:45:00}
'DVC SDR '	490.0	74.0	0.4	{86/09/01@02:45:00}
'DVC SDR '	520.0	42.0	0.1	{86/09/01@02:45:00}
'DVC SDR '	580.0	286.0	1.8	{86/09/01@02:45:00}

METDATASET '1986SEP01_025230'

SFC

'DVC SDR '	110.0	2.4		{86/09/01@02:45:00}*
'PIEDRAS '	292.0	7.7		{86/09/01@00:00:00}*
'OBISPO '	300.0	2.6		{86/09/01@01:50:00}*
'CEM TWR '	302.0	2.1		{86/09/01@02:45:00}*
'ROBLES '	170.0	5.7		{86/09/01@02:51:00}*
'DAVI TWR'	235.0	2.0		{86/09/01@03:00:00}
'FOOT TWR'	321.7	2.2		{86/09/01@03:00:00}
'GROVER '	150.0	2.2		{86/09/01@03:00:00}
'LEWIS '	150.0	2.2		{86/09/01@03:00:00}
'MARIA CD'	303.0	1.8		{86/09/01@03:00:00}
'MORRO '	250.0	0.9		{86/09/01@03:00:00}
'NIPOMO '	230.0	0.9		{86/09/01@03:00:00}
'SERV TWR'	353.6	2.9		{86/09/01@03:00:00}
'W NIPOMO'	222.0	1.8		{86/09/01@03:00:00}
'PECH TWR'	148.0	2.5		{86/09/01@03:03:00}
'MARIA WS'	210.0	2.1		{86/09/01@03:50:00}*
'BUOY '	315.0	2.1		{86/09/01@05:00:00}*

TOW

'DIAB TWR'	10.0	298.6	2.1	{86/09/01@03:00:00}
'DIAB TWR'	60.0	296.8	1.8	{86/09/01@03:00:00}

UPR

'CEM SDR '	40.0	307.0	3.3	{86/09/01@02:45:00}*
'CEM SDR '	70.0	301.0	2.4	{86/09/01@02:45:00}*
'CEM SDR '	100.0	287.0	2.4	{86/09/01@02:45:00}*

'CEM SDR '	130.0	284.0	2.8	{86/09/01@02:45:00}*
'CEM SDR '	160.0	284.0	2.4	{86/09/01@02:45:00}*
'CEM SDR '	190.0	268.0	2.4	{86/09/01@02:45:00}*
'CEM SDR '	220.0	270.0	2.6	{86/09/01@02:45:00}*
'CEM SDR '	250.0	270.0	2.7	{86/09/01@02:45:00}*
'CEM SDR '	280.0	239.0	1.6	{86/09/01@02:45:00}*
'CEM SDR '	310.0	223.0	1.3	{86/09/01@02:45:00}*
'CEM SDR '	340.0	164.0	0.7	{86/09/01@02:45:00}*
'CEM SDR '	370.0	107.0	0.5	{86/09/01@02:45:00}*
'CEM SDR '	400.0	120.0	1.3	{86/09/01@02:45:00}*
'CEM SDR '	430.0	131.0	1.6	{86/09/01@02:45:00}*
'CEM SDR '	460.0	134.0	2.0	{86/09/01@02:45:00}*
'CEM SDR '	490.0	147.0	1.7	{86/09/01@02:45:00}*
'CEM SDR '	520.0	216.0	1.3	{86/09/01@02:45:00}*
'CEM SDR '	550.0	258.0	1.3	{86/09/01@02:45:00}*
'CEM SDR '	580.0	269.0	1.6	{86/09/01@02:45:00}*
'CEM SDR '	610.0	300.0	3.8	{86/09/01@02:45:00}*
'DIA SDR '	40.0	308.0	3.0	{86/09/01@02:45:00}*
'DIA SDR '	70.0	271.0	1.2	{86/09/01@02:45:00}*
'DIA SDR '	100.0	314.0	0.3	{86/09/01@02:45:00}*
'DIA SDR '	130.0	100.0	1.4	{86/09/01@02:45:00}*
'DIA SDR '	160.0	126.0	2.1	{86/09/01@02:45:00}*
'DIA SDR '	190.0	116.0	2.9	{86/09/01@02:45:00}*
'DIA SDR '	220.0	106.0	3.6	{86/09/01@02:45:00}*
'DIA SDR '	250.0	118.0	3.3	{86/09/01@02:45:00}*
'DIA SDR '	280.0	118.0	3.0	{86/09/01@02:45:00}*
'DIA SDR '	310.0	113.0	3.0	{86/09/01@02:45:00}*
'DIA SDR '	340.0	119.0	2.4	{86/09/01@02:45:00}*
'DIA SDR '	370.0	128.0	1.9	{86/09/01@02:45:00}*
'DIA SDR '	400.0	109.0	1.3	{86/09/01@02:45:00}*
'DIA SDR '	430.0	129.0	0.9	{86/09/01@02:45:00}*
'DIA SDR '	460.0	165.0	1.5	{86/09/01@02:45:00}*
'DIA SDR '	520.0	266.0	1.1	{86/09/01@02:45:00}*
'DIA SDR '	550.0	305.0	3.0	{86/09/01@02:45:00}*
'DIA SDR '	580.0	313.0	4.4	{86/09/01@02:45:00}*
'DIA SDR '	610.0	312.0	7.0	{86/09/01@02:45:00}*
'DVC SDR '	40.0	110.0	2.4	{86/09/01@02:45:00}*
'DVC SDR '	100.0	85.0	2.5	{86/09/01@02:45:00}*
'DVC SDR '	130.0	71.0	2.6	{86/09/01@02:45:00}*
'DVC SDR '	160.0	61.0	2.2	{86/09/01@02:45:00}*
'DVC SDR '	190.0	55.0	2.8	{86/09/01@02:45:00}*
'DVC SDR '	220.0	41.0	2.0	{86/09/01@02:45:00}*
'DVC SDR '	250.0	43.0	2.1	{86/09/01@02:45:00}*
'DVC SDR '	280.0	38.0	1.9	{86/09/01@02:45:00}*
'DVC SDR '	310.0	34.0	1.6	{86/09/01@02:45:00}*
'DVC SDR '	340.0	41.0	1.2	{86/09/01@02:45:00}*

'DVC SDR '	370.0	42.0	1.3	{86/09/01@02:45:00}*
'DVC SDR '	400.0	52.0	1.5	{86/09/01@02:45:00}*
'DVC SDR '	430.0	96.0	1.7	{86/09/01@02:45:00}*
'DVC SDR '	460.0	42.0	1.2	{86/09/01@02:45:00}*
'DVC SDR '	490.0	74.0	0.4	{86/09/01@02:45:00}*
'DVC SDR '	520.0	42.0	0.1	{86/09/01@02:45:00}*
'DVC SDR '	580.0	286.0	1.8	{86/09/01@02:45:00}*

METDATASET '1986SEP01_030730'

SFC

'DVC SDR '	98.0	2.1		{86/09/01@03:15:00}
'OBISPO '	300.0	2.6		{86/09/01@01:50:00}*
'ROBLES '	170.0	5.7		{86/09/01@02:51:00}*
'CEM TWR '	287.0	1.4		{86/09/01@03:15:00}
'FOOT TWR'	335.7	1.9		{86/09/01@03:15:00}
'SERV TWR'	346.6	2.6		{86/09/01@03:15:00}
'PECH TWR'	158.5	2.9		{86/09/01@03:18:00}
'MARIA WS'	210.0	2.1		{86/09/01@03:50:00}*
'DAVI TWR'	224.0	3.0		{86/09/01@04:00:00}
'GROVER '	140.0	2.2		{86/09/01@04:00:00}
'LEWIS '	145.0	1.8		{86/09/01@04:00:00}
'MARIA CD'	272.0	0.9		{86/09/01@04:00:00}
'MORRO '	230.0	0.4		{86/09/01@04:00:00}
'NIPOMO '	200.0	0.9		{86/09/01@04:00:00}
'W NIPOMO'	188.0	1.8		{86/09/01@04:00:00}
'BUOY '	315.0	2.1		{86/09/01@05:00:00}*
'PIEDRAS '	135.0	4.6		{86/09/01@06:00:00}*

TOW

'DIAB TWR'	10.0	256.5	1.6	{86/09/01@03:15:00}
'DIAB TWR'	60.0	247.0	1.6	{86/09/01@03:15:00}

UPR

'CEM SDR '	40.0	306.0	2.5	{86/09/01@03:15:00}
'CEM SDR '	70.0	276.0	1.6	{86/09/01@03:15:00}
'CEM SDR '	100.0	269.0	2.3	{86/09/01@03:15:00}
'CEM SDR '	130.0	262.0	1.4	{86/09/01@03:15:00}
'CEM SDR '	160.0	268.0	2.1	{86/09/01@03:15:00}
'CEM SDR '	190.0	240.0	1.6	{86/09/01@03:15:00}
'CEM SDR '	220.0	260.0	2.0	{86/09/01@03:15:00}
'CEM SDR '	250.0	235.0	1.4	{86/09/01@03:15:00}
'CEM SDR '	280.0	252.0	2.2	{86/09/01@03:15:00}
'CEM SDR '	310.0	249.0	0.9	{86/09/01@03:15:00}
'CEM SDR '	340.0	199.0	1.0	{86/09/01@03:15:00}
'CEM SDR '	370.0	150.0	2.3	{86/09/01@03:15:00}
'CEM SDR '	400.0	131.0	3.0	{86/09/01@03:15:00}
'CEM SDR '	490.0	160.0	1.2	{86/09/01@03:15:00}

'CEM SDR '	520.0	231.0	1.5	{86/09/01@03:15:00}
'CEM SDR '	550.0	263.0	2.1	{86/09/01@03:15:00}
'CEM SDR '	580.0	296.0	2.9	{86/09/01@03:15:00}
'CEM SDR '	610.0	305.0	4.8	{86/09/01@03:15:00}
'DIA SDR '	40.0	316.0	1.2	{86/09/01@03:15:00}
'DIA SDR '	70.0	259.0	0.9	{86/09/01@03:15:00}
'DIA SDR '	100.0	238.0	0.6	{86/09/01@03:15:00}
'DIA SDR '	130.0	205.0	0.3	{86/09/01@03:15:00}
'DIA SDR '	160.0	92.0	1.2	{86/09/01@03:15:00}
'DIA SDR '	190.0	110.0	1.3	{86/09/01@03:15:00}
'DIA SDR '	220.0	83.0	2.3	{86/09/01@03:15:00}
'DIA SDR '	250.0	101.0	3.8	{86/09/01@03:15:00}
'DIA SDR '	280.0	114.0	3.2	{86/09/01@03:15:00}
'DIA SDR '	310.0	120.0	2.5	{86/09/01@03:15:00}
'DIA SDR '	340.0	100.0	3.3	{86/09/01@03:15:00}
'DIA SDR '	370.0	117.0	3.5	{86/09/01@03:15:00}
'DIA SDR '	400.0	131.0	3.5	{86/09/01@03:15:00}
'DIA SDR '	430.0	143.0	2.5	{86/09/01@03:15:00}
'DIA SDR '	490.0	164.0	1.2	{86/09/01@03:15:00}
'DIA SDR '	520.0	261.0	1.3	{86/09/01@03:15:00}
'DIA SDR '	550.0	278.0	2.9	{86/09/01@03:15:00}
'DIA SDR '	580.0	307.0	4.4	{86/09/01@03:15:00}
'DVC SDR '	40.0	98.0	2.1	{86/09/01@03:15:00}
'DVC SDR '	70.0	110.0	2.9	{86/09/01@03:15:00}
'DVC SDR '	100.0	99.0	2.3	{86/09/01@03:15:00}
'DVC SDR '	130.0	87.0	2.2	{86/09/01@03:15:00}
'DVC SDR '	160.0	48.0	1.4	{86/09/01@03:15:00}
'DVC SDR '	190.0	30.0	1.9	{86/09/01@03:15:00}
'DVC SDR '	220.0	45.0	1.7	{86/09/01@03:15:00}
'DVC SDR '	250.0	57.0	2.2	{86/09/01@03:15:00}
'DVC SDR '	280.0	39.0	1.6	{86/09/01@03:15:00}
'DVC SDR '	310.0	73.0	1.8	{86/09/01@03:15:00}
'DVC SDR '	340.0	72.0	1.5	{86/09/01@03:15:00}
'DVC SDR '	370.0	78.0	1.5	{86/09/01@03:15:00}
'DVC SDR '	430.0	78.0	1.4	{86/09/01@03:15:00}
'DVC SDR '	460.0	88.0	1.4	{86/09/01@03:15:00}
'DVC SDR '	490.0	71.0	0.9	{86/09/01@03:15:00}

adpic.nml:

```
$adpic_control

PROBLEM_TITLE      = 'DOPPTEX Day 1 Rerun'

RUN_START_DATE     = '31AUG86'
RUN_START_TIME     = '15:00'
RUN_DURATION       = '00::12:00'

SAMPLING_INTERVAL  = '00::01:00'
RESTART_WRITE_INTERVAL = '00::00:00'
PLOT_INTERVAL      = '00::01:00'
STATUS_INTERVAL     = '00::01:00'
INITIAL_TIME_STEP   = 30

DIFF_METHOD         = 'GRADI'
USE_VLST            = 'Y'
PARTPOS             = 'N'

SOURCES_TO_SAMPLING_BIN(1,1) = 1 2

SAMPLING_TYPE       = 'INTAIR'
SAMPLING_HGT        = 0.5

$end

$ADPIC_METPARAMS

SFC_ROUGH_HGT      = 0.5000

MET_START_DATE      = 36*'31AUG86' 12*'01SEP86'
MET_START_TIME      = '15:00' '15:15' '15:30' '15:45' '16:00' '16:15' '16:30'
                           '16:45' '17:00' '17:15' '17:30' '17:45' '18:00' '18:15'
                           '18:30' '18:45' '19:00' '19:15' '19:30' '19:45' '20:00'
                           '20:15' '20:30' '20:45' '21:00' '21:15' '21:30' '21:45'
                           '22:00' '22:15' '22:30' '22:45' '23:00' '23:15' '23:30'
                           '23:45' '00:00' '00:15' '00:30' '00:45' '01:00' '01:15'
                           '01:30' '01:45' '02:00' '02:15' '02:30' '02:45'

INV_OBUKHOV_LEN_SL = 12*0.0 4*-0.01 20*-0.03 4*-0.01 8*0.00
INV_OBUKHOV_LEN_ML = 12*0.0 4*-0.01 20*-0.03 4*-0.01 8*0.00
STAB_CLASS          = 12*4 4*3 20*2 4*3 8*4
PWR_LAW_EXPNT_SL   = 48*0.1
ML_HGT              = 20*400.0 16*500.0 12*200.0
TURB_PARAM_TYPE     = 48*4
```

ADJUST_SURFACE_WINDS= 'N'

\$end

\$adpic_source

SPECIES	=	'SF6'	'SF6'				
SIGX	=	0.4	0.4				
SIGY	=	0.4	0.4				
SIGZ	=	0.4	0.4				
XPOS_CUTOFF	=	1.0	1.0				
XNEG_CUTOFF	=	-1.0	-1.0				
YPOS_CUTOFF	=	1.0	1.0				
YNEG_CUTOFF	=	-1.0	-1.0				
ZPOS_CUTOFF	=	1.0	1.0				
ZNEG_CUTOFF	=	-1.0	-1.0				
XLOC	=	695.368	695.368				
YLOC	=	3898.439	3898.439				
TOTPART	=	13000	7000				
HALFLIFE	=	0.0	0.0				
SFC_DEP_VEL	=	0.0	0.0				
PART_DIAM_MEDIAN	=	0.0	0.0				
PART_DIAM_SGD	=	-99999.0	-99999.0				
PART_DIAM_MIN	=	-99999.0	-99999.0				
PART_DIAM_MAX	=	-99999.0	-99999.0				
PART_DENSITY	=	-99999.0	-99999.0				
USE_PLUME_RISE	=	'N'	'N'				
SOURCE_START_DATE	=	'31AUG86' '31AUG86' '31AUG86' '31AUG86'					
'31AUG86' '31AUG86'							
SOURCE_START_TIME	=	'15:00' '17:00' '18:00' '20:00' '21:00' '23:00'					
SOURCE_RATE(1,1)	=	5.7	0.0	0.0	0.0	4.5	0.0
SOURCE_RATE(1,2)	=	0.0	0.0	3.23	0.0	0.0	0.0
CENTER_HGT(1,1)	=	6*71.0					
CENTER_HGT(1,2)	=	6*1.5					

\$end

\$sigma_theta_data

sigma_theta_hgt(1,1) = 48*10.0
sigma_theta_hgt(1,2) = 48*60.0

sigma_theta(1,1) = 20.43 11.98 28.23 18.73 33.25 13.11 10.51 12.55 11.22

9.66 11.77 11.25 11.38 11.39 11.07 10.73 11.17 11.16
10.84 9.84 10.67 12.07 10.03 11.31 11.55 12.93 12.13
12.01 11.27 10.86 11.89 12.12 9.90 8.98 9.48 10.59
10.36 8.37 8.46 9.73 8.87 9.57 7.85 7.42 8.90
10.59 10.26 22.80

sigma_theta(1,2) = 27.26 27.55 43.07 16.06 14.63 5.67 4.38 4.67 4.85
7.29 8.86 4.73 5.86 6.54 4.31 5.36 4.82 5.82
3.76 3.86 5.86 6.61 6.54 4.94 5.84 8.22 6.80
6.36 6.78 7.11 7.77 6.49 5.39 5.77 5.19 5.90
5.89 4.81 4.36 4.29 4.35 4.60 4.80 5.04 5.15
10.28 14.91 18.47

\$end

{note: sigma theta data from DIAB TWR}

sampler.data:

SAMPLERS

'101	'	690.313	3925.069	1
'102	'	691.626	3923.969	1
'103	'	692.473	3922.473	1
'104	'	693.244	3920.550	1
'105	'	694.252	3919.084	1
'106	'	694.618	3918.046	1
'107	'	694.863	3917.099	1
'108	'	696.145	3915.672	1
'110	'	697.427	3914.389	1
'111	'	697.702	3913.412	1
'112	'	698.008	3911.580	1
'113	'	697.275	3911.611	1
'114	'	696.450	3911.160	1
'115	'	696.145	3910.519	1
'116	'	696.145	3909.664	1
'117	'	694.924	3909.176	1
'118	'	695.718	3908.351	1
'119	'	693.855	3907.924	1
'120	'	692.885	3906.817	1
'121	'	692.214	3905.290	1
'122	'	692.275	3903.763	1
'201	'	700.420	3916.618	1
'203	'	699.107	3915.061	1
'204	'	701.435	3914.496	1
'205	'	703.664	3915.046	1
'206	'	703.298	3913.000	1
'207	'	706.679	3911.313	1
'209	'	711.511	3911.313	1
'212	'	702.504	3909.702	1
'213	'	702.313	3908.397	1
'214	'	704.573	3907.481	1
'216	'	704.702	3910.824	1
'217	'	705.710	3909.725	1
'218	'	706.840	3908.565	1
'220	'	708.504	3906.588	1
'221	'	707.282	3905.473	1
'222	'	709.252	3907.038	1
'223	'	710.672	3907.939	1
'224	'	710.595	3904.282	1
'225	'	711.802	3904.885	1
'226	'	712.651	3906.443	1
'227	'	713.908	3907.817	1
'228	'	716.947	3918.611	1
'301	'	694.748	3898.969	1

'302	'	694.794	3899.015	1
'303	'	694.870	3899.076	1
'305	'	694.962	3899.137	1
'307	'	695.084	3899.168	1
'308	'	695.160	3899.183	1
'309	'	695.221	3899.198	1
'310	'	695.496	3899.214	1
'311	'	695.725	3899.168	1
'312	'	695.878	3899.107	1
'313	'	695.924	3898.985	1
'314	'	696.076	3898.802	1
'315	'	696.198	3898.435	1
'316	'	696.321	3898.359	1
'317	'	696.351	3898.252	1
'319	'	696.153	3898.145	1
'321	'	696.031	3897.916	1
'323	'	695.954	3897.824	1
'324	'	695.893	3897.763	1
'325	'	697.023	3897.198	1
'326	'	698.527	3896.870	1
'327	'	699.893	3895.908	1
'328	'	702.061	3896.756	1
'330	'	701.756	3896.237	1
'331	'	701.542	3896.023	1
'332	'	701.359	3895.931	1
'333	'	701.145	3895.504	1
'334	'	701.115	3895.198	1
'335	'	700.992	3894.924	1
'336	'	702.000	3895.015	1
'337	'	703.382	3894.931	1
'338	'	704.511	3894.534	1
'339	'	704.725	3893.771	1
'341	'	705.977	3895.061	1
'342	'	705.794	3894.038	1
'343	'	707.046	3894.893	1
'401	'	713.466	3905.046	1
'402	'	714.351	3903.427	1
'403	'	714.779	3902.466	1
'404	'	714.939	3901.878	1
'405	'	714.809	3900.939	1
'406	'	714.046	3900.176	1
'407	'	712.275	3899.992	1
'409	'	710.710	3901.916	1
'410	'	711.656	3896.427	1
'411	'	710.435	3896.794	1
'413	'	708.155	3896.771	1

'414	'	707.779	3896.069	1
'416	'	706.985	3898.786	1
'417	'	706.374	3900.130	1
'418	'	705.489	3900.588	1
'419	'	704.389	3901.153	1
'420	'	702.313	3901.947	1
'421	'	704.008	3903.130	1
'422	'	708.908	3894.618	1
'423	'	710.344	3893.863	1
'424	'	711.229	3892.977	1
'425	'	712.878	3892.458	1
'428	'	715.939	3893.794	1
'501	'	721.198	3897.786	1
'502	'	725.053	3894.756	1
'503	'	725.206	3891.366	1
'505	'	718.702	3891.321	1
'506	'	719.237	3895.481	1
'507	'	716.435	3887.908	1
'508	'	717.557	3886.687	1
'509	'	717.771	3886.351	1
'511	'	720.534	3885.550	1
'512	'	720.107	3884.450	1
'513	'	719.710	3883.443	1
'515	'	719.824	3880.740	1
'516	'	722.603	3879.366	1
'518	'	722.084	3876.740	1
'519	'	721.931	3875.122	1
'520	'	721.878	3872.313	1
'521	'	722.198	3868.069	1
'522	'	720.947	3867.763	1
'523	'	719.718	3867.519	1
'524	'	718.527	3867.519	1
'525	'	717.672	3867.214	1
'527	'	727.076	3875.405	1
'528	'	729.679	3879.753	1
'529	'	735.321	3869.458	1
'109	'	697.824	3915.183	1
'202	'	699.718	3915.977	1
'208	'	708.763	3910.672	1
'210	'	710.962	3909.481	1
'211	'	701.252	3911.321	1
'215	'	706.260	3906.763	1
'219	'	707.786	3907.649	1
'304	'	694.901	3899.107	1
'306	'	695.023	3899.153	1
'318	'	696.321	3898.176	1

'320	'	696.107	3898.023	1
'408	'	711.595	3901.488	1
'426	'	713.924	3891.962	1
'514	'	719.160	3882.496	1
'526	'	728.003	3870.855	1
'340	'	704.023	3892.855	1
'412	'	709.366	3897.008	1
'504	'	721.206	3890.710	1
'510	'	720.595	3886.740	1
'415	'	707.931	3897.962	1

MEASUREMENTS

'101	'	1	'31AUG86'	'15:00:00'	0.00
'102	'	1	'31AUG86'	'15:00:00'	0.00
'103	'	1	'31AUG86'	'15:00:00'	0.00
'104	'	1	'31AUG86'	'15:00:00'	0.00
'105	'	1	'31AUG86'	'15:00:00'	0.00
'106	'	1	'31AUG86'	'15:00:00'	0.00
'107	'	1	'31AUG86'	'15:00:00'	0.00
'108	'	1	'31AUG86'	'15:00:00'	0.00
'110	'	1	'31AUG86'	'15:00:00'	0.00
'111	'	1	'31AUG86'	'15:00:00'	0.00
'112	'	1	'31AUG86'	'15:00:00'	0.00
'113	'	1	'31AUG86'	'15:00:00'	0.00
'114	'	1	'31AUG86'	'15:00:00'	0.00
'115	'	1	'31AUG86'	'15:00:00'	0.00
'116	'	1	'31AUG86'	'15:00:00'	0.00
'117	'	1	'31AUG86'	'15:00:00'	0.00
'118	'	1	'31AUG86'	'15:00:00'	0.00
'119	'	1	'31AUG86'	'15:00:00'	0.00
'120	'	1	'31AUG86'	'15:00:00'	0.00
'121	'	1	'31AUG86'	'15:00:00'	0.00
'122	'	1	'31AUG86'	'15:00:00'	0.00
'201	'	1	'31AUG86'	'15:00:00'	0.00
'203	'	1	'31AUG86'	'15:00:00'	0.00
'204	'	1	'31AUG86'	'15:00:00'	0.00
'205	'	1	'31AUG86'	'15:00:00'	0.00
'206	'	1	'31AUG86'	'15:00:00'	0.00
'207	'	1	'31AUG86'	'15:00:00'	0.00
'209	'	1	'31AUG86'	'15:00:00'	0.00
'212	'	1	'31AUG86'	'15:00:00'	0.00
'213	'	1	'31AUG86'	'15:00:00'	0.00
'214	'	1	'31AUG86'	'15:00:00'	0.00
'216	'	1	'31AUG86'	'15:00:00'	0.00
'217	'	1	'31AUG86'	'15:00:00'	0.00
'218	'	1	'31AUG86'	'15:00:00'	0.00

'220	,	1	'31AUG86'	'15:00:00'	0.00
'221	,	1	'31AUG86'	'15:00:00'	0.00
'222	,	1	'31AUG86'	'15:00:00'	0.00
'223	,	1	'31AUG86'	'15:00:00'	0.00
'224	,	1	'31AUG86'	'15:00:00'	0.00
'225	,	1	'31AUG86'	'15:00:00'	0.00
'226	,	1	'31AUG86'	'15:00:00'	0.00
'227	,	1	'31AUG86'	'15:00:00'	0.00
'228	,	1	'31AUG86'	'15:00:00'	0.00
'301	,	1	'31AUG86'	'15:00:00'	0.00
'302	,	1	'31AUG86'	'15:00:00'	0.00
'303	,	1	'31AUG86'	'15:00:00'	0.00
'305	,	1	'31AUG86'	'15:00:00'	0.00
'307	,	1	'31AUG86'	'15:00:00'	0.00
'308	,	1	'31AUG86'	'15:00:00'	0.00
'309	,	1	'31AUG86'	'15:00:00'	0.00
'310	,	1	'31AUG86'	'15:00:00'	0.00
'311	,	1	'31AUG86'	'15:00:00'	0.00
'312	,	1	'31AUG86'	'15:00:00'	0.00
'313	,	1	'31AUG86'	'15:00:00'	0.00
'314	,	1	'31AUG86'	'15:00:00'	0.00
'315	,	1	'31AUG86'	'15:00:00'	0.00
'316	,	1	'31AUG86'	'15:00:00'	0.00
'317	,	1	'31AUG86'	'15:00:00'	0.00
'319	,	1	'31AUG86'	'15:00:00'	0.00
'321	,	1	'31AUG86'	'15:00:00'	0.00
'323	,	1	'31AUG86'	'15:00:00'	0.00
'324	,	1	'31AUG86'	'15:00:00'	0.00
'325	,	1	'31AUG86'	'15:00:00'	0.00
'326	,	1	'31AUG86'	'15:00:00'	0.00
'327	,	1	'31AUG86'	'15:00:00'	0.00
'328	,	1	'31AUG86'	'15:00:00'	0.00
'330	,	1	'31AUG86'	'15:00:00'	0.00
'331	,	1	'31AUG86'	'15:00:00'	0.00
'332	,	1	'31AUG86'	'15:00:00'	0.00
'333	,	1	'31AUG86'	'15:00:00'	0.00
'334	,	1	'31AUG86'	'15:00:00'	0.00
'335	,	1	'31AUG86'	'15:00:00'	0.00
'336	,	1	'31AUG86'	'15:00:00'	0.00
'337	,	1	'31AUG86'	'15:00:00'	0.00
'338	,	1	'31AUG86'	'15:00:00'	0.00
'339	,	1	'31AUG86'	'15:00:00'	0.00
'341	,	1	'31AUG86'	'15:00:00'	0.00
'342	,	1	'31AUG86'	'15:00:00'	0.00
'343	,	1	'31AUG86'	'15:00:00'	0.00
'401	,	1	'31AUG86'	'15:00:00'	0.00

'402	'	1	'31AUG86'	'15:00:00'	0.00
'403	'	1	'31AUG86'	'15:00:00'	0.00
'404	'	1	'31AUG86'	'15:00:00'	0.00
'405	'	1	'31AUG86'	'15:00:00'	0.00
'406	'	1	'31AUG86'	'15:00:00'	0.00
'407	'	1	'31AUG86'	'15:00:00'	0.00
'409	'	1	'31AUG86'	'15:00:00'	0.00
'410	'	1	'31AUG86'	'15:00:00'	0.00
'411	'	1	'31AUG86'	'15:00:00'	0.00
'413	'	1	'31AUG86'	'15:00:00'	0.00
'414	'	1	'31AUG86'	'15:00:00'	0.00
'416	'	1	'31AUG86'	'15:00:00'	0.00
'417	'	1	'31AUG86'	'15:00:00'	0.00
'418	'	1	'31AUG86'	'15:00:00'	0.00
'419	'	1	'31AUG86'	'15:00:00'	0.00
'420	'	1	'31AUG86'	'15:00:00'	0.00
'421	'	1	'31AUG86'	'15:00:00'	0.00
'422	'	1	'31AUG86'	'15:00:00'	0.00
'423	'	1	'31AUG86'	'15:00:00'	0.00
'424	'	1	'31AUG86'	'15:00:00'	0.00
'425	'	1	'31AUG86'	'15:00:00'	0.00
'428	'	1	'31AUG86'	'15:00:00'	0.00
'501	'	1	'31AUG86'	'15:00:00'	0.00
'502	'	1	'31AUG86'	'15:00:00'	0.00
'503	'	1	'31AUG86'	'15:00:00'	0.00
'505	'	1	'31AUG86'	'15:00:00'	0.00
'506	'	1	'31AUG86'	'15:00:00'	0.00
'507	'	1	'31AUG86'	'15:00:00'	0.00
'508	'	1	'31AUG86'	'15:00:00'	0.00
'509	'	1	'31AUG86'	'15:00:00'	0.00
'511	'	1	'31AUG86'	'15:00:00'	0.00
'512	'	1	'31AUG86'	'15:00:00'	0.00
'513	'	1	'31AUG86'	'15:00:00'	0.00
'515	'	1	'31AUG86'	'15:00:00'	0.00
'516	'	1	'31AUG86'	'15:00:00'	0.00
'518	'	1	'31AUG86'	'15:00:00'	0.00
'519	'	1	'31AUG86'	'15:00:00'	0.00
'520	'	1	'31AUG86'	'15:00:00'	0.00
'521	'	1	'31AUG86'	'15:00:00'	0.00
'522	'	1	'31AUG86'	'15:00:00'	0.00
'523	'	1	'31AUG86'	'15:00:00'	0.00
'524	'	1	'31AUG86'	'15:00:00'	0.00
'525	'	1	'31AUG86'	'15:00:00'	0.00
'527	'	1	'31AUG86'	'15:00:00'	0.00
'528	'	1	'31AUG86'	'15:00:00'	0.00
'529	'	1	'31AUG86'	'15:00:00'	0.00

'101	'	1	'31AUG86'	'16:00:00'	10.00
'102	'	1	'31AUG86'	'16:00:00'	0.00
'103	'	1	'31AUG86'	'16:00:00'	0.00
'104	'	1	'31AUG86'	'16:00:00'	0.00
'105	'	1	'31AUG86'	'16:00:00'	0.00
'106	'	1	'31AUG86'	'16:00:00'	0.00
'107	'	1	'31AUG86'	'16:00:00'	0.00
'109	'	1	'31AUG86'	'16:00:00'	0.00
'110	'	1	'31AUG86'	'16:00:00'	0.00
'111	'	1	'31AUG86'	'16:00:00'	0.00
'112	'	1	'31AUG86'	'16:00:00'	5.00
'114	'	1	'31AUG86'	'16:00:00'	0.00
'116	'	1	'31AUG86'	'16:00:00'	0.00
'117	'	1	'31AUG86'	'16:00:00'	0.00
'118	'	1	'31AUG86'	'16:00:00'	0.00
'119	'	1	'31AUG86'	'16:00:00'	0.00
'120	'	1	'31AUG86'	'16:00:00'	0.00
'122	'	1	'31AUG86'	'16:00:00'	0.00
'201	'	1	'31AUG86'	'16:00:00'	9.00
'202	'	1	'31AUG86'	'16:00:00'	0.00
'203	'	1	'31AUG86'	'16:00:00'	0.00
'204	'	1	'31AUG86'	'16:00:00'	0.00
'205	'	1	'31AUG86'	'16:00:00'	0.00
'206	'	1	'31AUG86'	'16:00:00'	13.00
'207	'	1	'31AUG86'	'16:00:00'	0.00
'208	'	1	'31AUG86'	'16:00:00'	0.00
'209	'	1	'31AUG86'	'16:00:00'	0.00
'210	'	1	'31AUG86'	'16:00:00'	0.00
'211	'	1	'31AUG86'	'16:00:00'	0.00
'212	'	1	'31AUG86'	'16:00:00'	0.00
'214	'	1	'31AUG86'	'16:00:00'	0.00
'215	'	1	'31AUG86'	'16:00:00'	0.00
'218	'	1	'31AUG86'	'16:00:00'	0.00
'219	'	1	'31AUG86'	'16:00:00'	0.00
'221	'	1	'31AUG86'	'16:00:00'	0.00
'222	'	1	'31AUG86'	'16:00:00'	0.00
'223	'	1	'31AUG86'	'16:00:00'	0.00
'224	'	1	'31AUG86'	'16:00:00'	0.00
'225	'	1	'31AUG86'	'16:00:00'	13.00
'226	'	1	'31AUG86'	'16:00:00'	9.00
'227	'	1	'31AUG86'	'16:00:00'	1.00
'228	'	1	'31AUG86'	'16:00:00'	0.00
'302	'	1	'31AUG86'	'16:00:00'	0.00
'304	'	1	'31AUG86'	'16:00:00'	14.00
'306	'	1	'31AUG86'	'16:00:00'	0.00
'309	'	1	'31AUG86'	'16:00:00'	0.00

'310	'	1	'31AUG86'	'16:00:00'	0.00
'311	'	1	'31AUG86'	'16:00:00'	1044.00
'312	'	1	'31AUG86'	'16:00:00'	0.00
'313	'	1	'31AUG86'	'16:00:00'	2838.00
'314	'	1	'31AUG86'	'16:00:00'	1038.00
'315	'	1	'31AUG86'	'16:00:00'	328.00
'316	'	1	'31AUG86'	'16:00:00'	767.00
'318	'	1	'31AUG86'	'16:00:00'	615.00
'319	'	1	'31AUG86'	'16:00:00'	164.00
'320	'	1	'31AUG86'	'16:00:00'	58.00
'321	'	1	'31AUG86'	'16:00:00'	34.00
'323	'	1	'31AUG86'	'16:00:00'	0.00
'324	'	1	'31AUG86'	'16:00:00'	2.00
'325	'	1	'31AUG86'	'16:00:00'	0.00
'326	'	1	'31AUG86'	'16:00:00'	0.00
'327	'	1	'31AUG86'	'16:00:00'	0.00
'330	'	1	'31AUG86'	'16:00:00'	1.00
'331	'	1	'31AUG86'	'16:00:00'	0.00
'332	'	1	'31AUG86'	'16:00:00'	20.00
'333	'	1	'31AUG86'	'16:00:00'	19.00
'334	'	1	'31AUG86'	'16:00:00'	1.00
'335	'	1	'31AUG86'	'16:00:00'	7.00
'337	'	1	'31AUG86'	'16:00:00'	0.00
'338	'	1	'31AUG86'	'16:00:00'	5.00
'341	'	1	'31AUG86'	'16:00:00'	0.00
'342	'	1	'31AUG86'	'16:00:00'	3.00
'343	'	1	'31AUG86'	'16:00:00'	0.00
'401	'	1	'31AUG86'	'16:00:00'	1.00
'402	'	1	'31AUG86'	'16:00:00'	0.00
'403	'	1	'31AUG86'	'16:00:00'	6.00
'404	'	1	'31AUG86'	'16:00:00'	8.00
'405	'	1	'31AUG86'	'16:00:00'	0.00
'406	'	1	'31AUG86'	'16:00:00'	0.00
'407	'	1	'31AUG86'	'16:00:00'	4.00
'408	'	1	'31AUG86'	'16:00:00'	0.00
'409	'	1	'31AUG86'	'16:00:00'	14.00
'410	'	1	'31AUG86'	'16:00:00'	5.00
'411	'	1	'31AUG86'	'16:00:00'	0.00
'413	'	1	'31AUG86'	'16:00:00'	8.00
'414	'	1	'31AUG86'	'16:00:00'	9.00
'416	'	1	'31AUG86'	'16:00:00'	4.00
'417	'	1	'31AUG86'	'16:00:00'	8.00
'418	'	1	'31AUG86'	'16:00:00'	14.00
'419	'	1	'31AUG86'	'16:00:00'	4.00
'420	'	1	'31AUG86'	'16:00:00'	3.00
'421	'	1	'31AUG86'	'16:00:00'	9.00

'423	'	1	'31AUG86'	'16:00:00'	0.00
'424	'	1	'31AUG86'	'16:00:00'	0.00
'425	'	1	'31AUG86'	'16:00:00'	0.00
'426	'	1	'31AUG86'	'16:00:00'	0.00
'428	'	1	'31AUG86'	'16:00:00'	0.00
'501	'	1	'31AUG86'	'16:00:00'	3.00
'502	'	1	'31AUG86'	'16:00:00'	4.00
'505	'	1	'31AUG86'	'16:00:00'	4.00
'506	'	1	'31AUG86'	'16:00:00'	0.00
'507	'	1	'31AUG86'	'16:00:00'	0.00
'508	'	1	'31AUG86'	'16:00:00'	4.00
'509	'	1	'31AUG86'	'16:00:00'	0.00
'511	'	1	'31AUG86'	'16:00:00'	35.00
'512	'	1	'31AUG86'	'16:00:00'	0.00
'513	'	1	'31AUG86'	'16:00:00'	0.00
'514	'	1	'31AUG86'	'16:00:00'	0.00
'515	'	1	'31AUG86'	'16:00:00'	2.00
'516	'	1	'31AUG86'	'16:00:00'	0.00
'518	'	1	'31AUG86'	'16:00:00'	0.00
'519	'	1	'31AUG86'	'16:00:00'	0.00
'520	'	1	'31AUG86'	'16:00:00'	0.00
'521	'	1	'31AUG86'	'16:00:00'	0.00
'522	'	1	'31AUG86'	'16:00:00'	0.00
'523	'	1	'31AUG86'	'16:00:00'	2.00
'524	'	1	'31AUG86'	'16:00:00'	0.00
'526	'	1	'31AUG86'	'16:00:00'	0.00
'527	'	1	'31AUG86'	'16:00:00'	5.00
'528	'	1	'31AUG86'	'16:00:00'	0.00
'529	'	1	'31AUG86'	'16:00:00'	0.00
'101	'	1	'31AUG86'	'17:00:00'	32.00
'102	'	1	'31AUG86'	'17:00:00'	0.00
'103	'	1	'31AUG86'	'17:00:00'	0.00
'104	'	1	'31AUG86'	'17:00:00'	6.00
'105	'	1	'31AUG86'	'17:00:00'	2.00
'106	'	1	'31AUG86'	'17:00:00'	0.00
'107	'	1	'31AUG86'	'17:00:00'	2.00
'110	'	1	'31AUG86'	'17:00:00'	0.00
'112	'	1	'31AUG86'	'17:00:00'	0.00
'113	'	1	'31AUG86'	'17:00:00'	0.00
'114	'	1	'31AUG86'	'17:00:00'	0.00
'116	'	1	'31AUG86'	'17:00:00'	13.00
'117	'	1	'31AUG86'	'17:00:00'	0.00
'118	'	1	'31AUG86'	'17:00:00'	3.00
'119	'	1	'31AUG86'	'17:00:00'	0.00
'120	'	1	'31AUG86'	'17:00:00'	0.00
'121	'	1	'31AUG86'	'17:00:00'	0.00

'122	'	1	'31AUG86'	'17:00:00'	0.00
'204	'	1	'31AUG86'	'17:00:00'	0.00
'205	'	1	'31AUG86'	'17:00:00'	0.00
'206	'	1	'31AUG86'	'17:00:00'	6.00
'207	'	1	'31AUG86'	'17:00:00'	0.00
'208	'	1	'31AUG86'	'17:00:00'	0.00
'209	'	1	'31AUG86'	'17:00:00'	0.00
'210	'	1	'31AUG86'	'17:00:00'	0.00
'211	'	1	'31AUG86'	'17:00:00'	0.00
'212	'	1	'31AUG86'	'17:00:00'	0.00
'214	'	1	'31AUG86'	'17:00:00'	0.00
'215	'	1	'31AUG86'	'17:00:00'	0.00
'216	'	1	'31AUG86'	'17:00:00'	0.00
'217	'	1	'31AUG86'	'17:00:00'	0.00
'218	'	1	'31AUG86'	'17:00:00'	0.00
'219	'	1	'31AUG86'	'17:00:00'	0.00
'220	'	1	'31AUG86'	'17:00:00'	0.00
'221	'	1	'31AUG86'	'17:00:00'	0.00
'222	'	1	'31AUG86'	'17:00:00'	1.00
'223	'	1	'31AUG86'	'17:00:00'	0.00
'224	'	1	'31AUG86'	'17:00:00'	0.00
'225	'	1	'31AUG86'	'17:00:00'	3.00
'226	'	1	'31AUG86'	'17:00:00'	0.00
'228	'	1	'31AUG86'	'17:00:00'	0.00
'302	'	1	'31AUG86'	'17:00:00'	0.00
'303	'	1	'31AUG86'	'17:00:00'	0.00
'304	'	1	'31AUG86'	'17:00:00'	0.00
'305	'	1	'31AUG86'	'17:00:00'	0.00
'306	'	1	'31AUG86'	'17:00:00'	0.00
'310	'	1	'31AUG86'	'17:00:00'	0.00
'311	'	1	'31AUG86'	'17:00:00'	0.00
'313	'	1	'31AUG86'	'17:00:00'	0.00
'314	'	1	'31AUG86'	'17:00:00'	56.00
'315	'	1	'31AUG86'	'17:00:00'	1853.00
'316	'	1	'31AUG86'	'17:00:00'	4502.00
'317	'	1	'31AUG86'	'17:00:00'	4895.00
'318	'	1	'31AUG86'	'17:00:00'	12768.00
'319	'	1	'31AUG86'	'17:00:00'	11791.00
'320	'	1	'31AUG86'	'17:00:00'	2774.00
'321	'	1	'31AUG86'	'17:00:00'	322.00
'323	'	1	'31AUG86'	'17:00:00'	6.00
'324	'	1	'31AUG86'	'17:00:00'	1.00
'325	'	1	'31AUG86'	'17:00:00'	0.00
'326	'	1	'31AUG86'	'17:00:00'	36.00
'330	'	1	'31AUG86'	'17:00:00'	58.00
'331	'	1	'31AUG86'	'17:00:00'	230.00

'332	'	1	'31AUG86'	'17:00:00'	753.00
'333	'	1	'31AUG86'	'17:00:00'	87.00
'334	'	1	'31AUG86'	'17:00:00'	0.00
'335	'	1	'31AUG86'	'17:00:00'	659.00
'337	'	1	'31AUG86'	'17:00:00'	8.00
'338	'	1	'31AUG86'	'17:00:00'	6.00
'339	'	1	'31AUG86'	'17:00:00'	61.00
'340	'	1	'31AUG86'	'17:00:00'	3.00
'341	'	1	'31AUG86'	'17:00:00'	0.00
'342	'	1	'31AUG86'	'17:00:00'	0.00
'343	'	1	'31AUG86'	'17:00:00'	0.00
'401	'	1	'31AUG86'	'17:00:00'	1.00
'402	'	1	'31AUG86'	'17:00:00'	0.00
'403	'	1	'31AUG86'	'17:00:00'	1.00
'404	'	1	'31AUG86'	'17:00:00'	0.00
'405	'	1	'31AUG86'	'17:00:00'	9.00
'407	'	1	'31AUG86'	'17:00:00'	4.00
'408	'	1	'31AUG86'	'17:00:00'	0.00
'409	'	1	'31AUG86'	'17:00:00'	11.00
'410	'	1	'31AUG86'	'17:00:00'	9.00
'412	'	1	'31AUG86'	'17:00:00'	0.00
'413	'	1	'31AUG86'	'17:00:00'	0.00
'414	'	1	'31AUG86'	'17:00:00'	0.00
'416	'	1	'31AUG86'	'17:00:00'	0.00
'417	'	1	'31AUG86'	'17:00:00'	8.00
'418	'	1	'31AUG86'	'17:00:00'	0.00
'419	'	1	'31AUG86'	'17:00:00'	6.00
'420	'	1	'31AUG86'	'17:00:00'	0.00
'421	'	1	'31AUG86'	'17:00:00'	11.00
'422	'	1	'31AUG86'	'17:00:00'	0.00
'423	'	1	'31AUG86'	'17:00:00'	0.00
'424	'	1	'31AUG86'	'17:00:00'	0.00
'425	'	1	'31AUG86'	'17:00:00'	17.00
'426	'	1	'31AUG86'	'17:00:00'	0.00
'428	'	1	'31AUG86'	'17:00:00'	3.00
'501	'	1	'31AUG86'	'17:00:00'	6.00
'503	'	1	'31AUG86'	'17:00:00'	0.00
'504	'	1	'31AUG86'	'17:00:00'	0.00
'505	'	1	'31AUG86'	'17:00:00'	0.00
'506	'	1	'31AUG86'	'17:00:00'	0.00
'507	'	1	'31AUG86'	'17:00:00'	0.00
'508	'	1	'31AUG86'	'17:00:00'	8.00
'509	'	1	'31AUG86'	'17:00:00'	0.00
'511	'	1	'31AUG86'	'17:00:00'	0.00
'512	'	1	'31AUG86'	'17:00:00'	0.00
'513	'	1	'31AUG86'	'17:00:00'	1.00

'514	'	1	'31AUG86'	'17:00:00'	0.00
'515	'	1	'31AUG86'	'17:00:00'	0.00
'516	'	1	'31AUG86'	'17:00:00'	9.00
'518	'	1	'31AUG86'	'17:00:00'	2.00
'519	'	1	'31AUG86'	'17:00:00'	0.00
'520	'	1	'31AUG86'	'17:00:00'	0.00
'521	'	1	'31AUG86'	'17:00:00'	0.00
'523	'	1	'31AUG86'	'17:00:00'	10.00
'524	'	1	'31AUG86'	'17:00:00'	6.00
'525	'	1	'31AUG86'	'17:00:00'	8.00
'526	'	1	'31AUG86'	'17:00:00'	0.00
'528	'	1	'31AUG86'	'17:00:00'	0.00
'529	'	1	'31AUG86'	'17:00:00'	0.00
'101	'	1	'31AUG86'	'18:00:00'	14.00
'102	'	1	'31AUG86'	'18:00:00'	0.00
'103	'	1	'31AUG86'	'18:00:00'	0.00
'104	'	1	'31AUG86'	'18:00:00'	19.00
'105	'	1	'31AUG86'	'18:00:00'	0.00
'106	'	1	'31AUG86'	'18:00:00'	2.00
'107	'	1	'31AUG86'	'18:00:00'	0.00
'109	'	1	'31AUG86'	'18:00:00'	0.00
'112	'	1	'31AUG86'	'18:00:00'	0.00
'114	'	1	'31AUG86'	'18:00:00'	0.00
'117	'	1	'31AUG86'	'18:00:00'	0.00
'119	'	1	'31AUG86'	'18:00:00'	0.00
'120	'	1	'31AUG86'	'18:00:00'	0.00
'121	'	1	'31AUG86'	'18:00:00'	0.00
'122	'	1	'31AUG86'	'18:00:00'	0.00
'201	'	1	'31AUG86'	'18:00:00'	8.00
'202	'	1	'31AUG86'	'18:00:00'	0.00
'204	'	1	'31AUG86'	'18:00:00'	0.00
'205	'	1	'31AUG86'	'18:00:00'	0.00
'206	'	1	'31AUG86'	'18:00:00'	0.00
'207	'	1	'31AUG86'	'18:00:00'	0.00
'208	'	1	'31AUG86'	'18:00:00'	0.00
'209	'	1	'31AUG86'	'18:00:00'	0.00
'210	'	1	'31AUG86'	'18:00:00'	0.00
'211	'	1	'31AUG86'	'18:00:00'	0.00
'213	'	1	'31AUG86'	'18:00:00'	1.00
'215	'	1	'31AUG86'	'18:00:00'	0.00
'216	'	1	'31AUG86'	'18:00:00'	0.00
'217	'	1	'31AUG86'	'18:00:00'	0.00
'218	'	1	'31AUG86'	'18:00:00'	0.00
'219	'	1	'31AUG86'	'18:00:00'	0.00
'220	'	1	'31AUG86'	'18:00:00'	0.00
'221	'	1	'31AUG86'	'18:00:00'	12.00

'222	'	1	'31AUG86'	'18:00:00'	0.00
'223	'	1	'31AUG86'	'18:00:00'	0.00
'224	'	1	'31AUG86'	'18:00:00'	9.00
'225	'	1	'31AUG86'	'18:00:00'	0.00
'226	'	1	'31AUG86'	'18:00:00'	0.00
'227	'	1	'31AUG86'	'18:00:00'	0.00
'302	'	1	'31AUG86'	'18:00:00'	0.00
'303	'	1	'31AUG86'	'18:00:00'	0.00
'305	'	1	'31AUG86'	'18:00:00'	0.00
'306	'	1	'31AUG86'	'18:00:00'	0.00
'308	'	1	'31AUG86'	'18:00:00'	0.00
'309	'	1	'31AUG86'	'18:00:00'	0.00
'310	'	1	'31AUG86'	'18:00:00'	0.00
'311	'	1	'31AUG86'	'18:00:00'	0.00
'312	'	1	'31AUG86'	'18:00:00'	0.00
'313	'	1	'31AUG86'	'18:00:00'	0.00
'314	'	1	'31AUG86'	'18:00:00'	0.00
'316	'	1	'31AUG86'	'18:00:00'	5407.00
'318	'	1	'31AUG86'	'18:00:00'	8923.00
'320	'	1	'31AUG86'	'18:00:00'	1255.00
'321	'	1	'31AUG86'	'18:00:00'	302.00
'323	'	1	'31AUG86'	'18:00:00'	0.00
'324	'	1	'31AUG86'	'18:00:00'	0.00
'325	'	1	'31AUG86'	'18:00:00'	0.00
'327	'	1	'31AUG86'	'18:00:00'	415.00
'328	'	1	'31AUG86'	'18:00:00'	713.00
'330	'	1	'31AUG86'	'18:00:00'	1169.00
'331	'	1	'31AUG86'	'18:00:00'	633.00
'332	'	1	'31AUG86'	'18:00:00'	930.00
'333	'	1	'31AUG86'	'18:00:00'	661.00
'334	'	1	'31AUG86'	'18:00:00'	996.00
'335	'	1	'31AUG86'	'18:00:00'	662.00
'337	'	1	'31AUG86'	'18:00:00'	22.00
'338	'	1	'31AUG86'	'18:00:00'	302.00
'339	'	1	'31AUG86'	'18:00:00'	476.00
'340	'	1	'31AUG86'	'18:00:00'	265.00
'341	'	1	'31AUG86'	'18:00:00'	100.00
'342	'	1	'31AUG86'	'18:00:00'	5.00
'343	'	1	'31AUG86'	'18:00:00'	65.00
'401	'	1	'31AUG86'	'18:00:00'	2.00
'402	'	1	'31AUG86'	'18:00:00'	0.00
'403	'	1	'31AUG86'	'18:00:00'	12.00
'405	'	1	'31AUG86'	'18:00:00'	5.00
'406	'	1	'31AUG86'	'18:00:00'	4.00
'407	'	1	'31AUG86'	'18:00:00'	6.00
'408	'	1	'31AUG86'	'18:00:00'	0.00

'409	'	1	'31AUG86'	'18:00:00'	4.00
'410	'	1	'31AUG86'	'18:00:00'	7.00
'411	'	1	'31AUG86'	'18:00:00'	0.00
'412	'	1	'31AUG86'	'18:00:00'	0.00
'413	'	1	'31AUG86'	'18:00:00'	10.00
'416	'	1	'31AUG86'	'18:00:00'	7.00
'417	'	1	'31AUG86'	'18:00:00'	21.00
'418	'	1	'31AUG86'	'18:00:00'	2.00
'419	'	1	'31AUG86'	'18:00:00'	3.00
'420	'	1	'31AUG86'	'18:00:00'	0.00
'421	'	1	'31AUG86'	'18:00:00'	8.00
'422	'	1	'31AUG86'	'18:00:00'	21.00
'423	'	1	'31AUG86'	'18:00:00'	27.00
'424	'	1	'31AUG86'	'18:00:00'	26.00
'425	'	1	'31AUG86'	'18:00:00'	22.00
'428	'	1	'31AUG86'	'18:00:00'	0.00
'501	'	1	'31AUG86'	'18:00:00'	7.00
'502	'	1	'31AUG86'	'18:00:00'	0.00
'503	'	1	'31AUG86'	'18:00:00'	0.00
'504	'	1	'31AUG86'	'18:00:00'	0.00
'505	'	1	'31AUG86'	'18:00:00'	3.00
'506	'	1	'31AUG86'	'18:00:00'	0.00
'507	'	1	'31AUG86'	'18:00:00'	14.00
'508	'	1	'31AUG86'	'18:00:00'	4.00
'509	'	1	'31AUG86'	'18:00:00'	0.00
'511	'	1	'31AUG86'	'18:00:00'	2.00
'512	'	1	'31AUG86'	'18:00:00'	0.00
'513	'	1	'31AUG86'	'18:00:00'	0.00
'514	'	1	'31AUG86'	'18:00:00'	0.00
'515	'	1	'31AUG86'	'18:00:00'	4.00
'516	'	1	'31AUG86'	'18:00:00'	0.00
'518	'	1	'31AUG86'	'18:00:00'	0.00
'519	'	1	'31AUG86'	'18:00:00'	0.00
'521	'	1	'31AUG86'	'18:00:00'	0.00
'522	'	1	'31AUG86'	'18:00:00'	0.00
'523	'	1	'31AUG86'	'18:00:00'	9.00
'525	'	1	'31AUG86'	'18:00:00'	0.00
'526	'	1	'31AUG86'	'18:00:00'	0.00
'527	'	1	'31AUG86'	'18:00:00'	10.00
'528	'	1	'31AUG86'	'18:00:00'	4.00
'101	'	1	'31AUG86'	'19:00:00'	27.00
'102	'	1	'31AUG86'	'19:00:00'	0.00
'103	'	1	'31AUG86'	'19:00:00'	0.00
'104	'	1	'31AUG86'	'19:00:00'	0.00
'105	'	1	'31AUG86'	'19:00:00'	0.00
'106	'	1	'31AUG86'	'19:00:00'	1.00

'107	'	1	'31AUG86'	'19:00:00'	14.00
'110	'	1	'31AUG86'	'19:00:00'	0.00
'113	'	1	'31AUG86'	'19:00:00'	0.00
'114	'	1	'31AUG86'	'19:00:00'	0.00
'116	'	1	'31AUG86'	'19:00:00'	0.00
'117	'	1	'31AUG86'	'19:00:00'	0.00
'118	'	1	'31AUG86'	'19:00:00'	0.00
'119	'	1	'31AUG86'	'19:00:00'	0.00
'121	'	1	'31AUG86'	'19:00:00'	0.00
'122	'	1	'31AUG86'	'19:00:00'	0.00
'202	'	1	'31AUG86'	'19:00:00'	0.00
'203	'	1	'31AUG86'	'19:00:00'	0.00
'204	'	1	'31AUG86'	'19:00:00'	0.00
'205	'	1	'31AUG86'	'19:00:00'	0.00
'206	'	1	'31AUG86'	'19:00:00'	0.00
'207	'	1	'31AUG86'	'19:00:00'	5.00
'209	'	1	'31AUG86'	'19:00:00'	0.00
'210	'	1	'31AUG86'	'19:00:00'	0.00
'211	'	1	'31AUG86'	'19:00:00'	0.00
'212	'	1	'31AUG86'	'19:00:00'	0.00
'213	'	1	'31AUG86'	'19:00:00'	0.00
'214	'	1	'31AUG86'	'19:00:00'	0.00
'215	'	1	'31AUG86'	'19:00:00'	0.00
'216	'	1	'31AUG86'	'19:00:00'	0.00
'217	'	1	'31AUG86'	'19:00:00'	0.00
'218	'	1	'31AUG86'	'19:00:00'	0.00
'219	'	1	'31AUG86'	'19:00:00'	0.00
'220	'	1	'31AUG86'	'19:00:00'	0.00
'221	'	1	'31AUG86'	'19:00:00'	0.00
'223	'	1	'31AUG86'	'19:00:00'	0.00
'224	'	1	'31AUG86'	'19:00:00'	0.00
'225	'	1	'31AUG86'	'19:00:00'	0.00
'226	'	1	'31AUG86'	'19:00:00'	0.00
'227	'	1	'31AUG86'	'19:00:00'	6.00
'228	'	1	'31AUG86'	'19:00:00'	0.00
'301	'	1	'31AUG86'	'19:00:00'	0.00
'302	'	1	'31AUG86'	'19:00:00'	0.00
'305	'	1	'31AUG86'	'19:00:00'	0.00
'306	'	1	'31AUG86'	'19:00:00'	0.00
'308	'	1	'31AUG86'	'19:00:00'	0.00
'309	'	1	'31AUG86'	'19:00:00'	0.00
'310	'	1	'31AUG86'	'19:00:00'	0.00
'311	'	1	'31AUG86'	'19:00:00'	0.00
'312	'	1	'31AUG86'	'19:00:00'	0.00
'313	'	1	'31AUG86'	'19:00:00'	0.00
'314	'	1	'31AUG86'	'19:00:00'	0.00

'315	'	1	'31AUG86'	'19:00:00'	1070.00
'317	'	1	'31AUG86'	'19:00:00'	1263.00
'318	'	1	'31AUG86'	'19:00:00'	9540.00
'319	'	1	'31AUG86'	'19:00:00'	12309.00
'320	'	1	'31AUG86'	'19:00:00'	2755.00
'321	'	1	'31AUG86'	'19:00:00'	2029.00
'323	'	1	'31AUG86'	'19:00:00'	21.00
'324	'	1	'31AUG86'	'19:00:00'	0.00
'325	'	1	'31AUG86'	'19:00:00'	0.00
'326	'	1	'31AUG86'	'19:00:00'	0.00
'328	'	1	'31AUG86'	'19:00:00'	124.00
'330	'	1	'31AUG86'	'19:00:00'	148.00
'331	'	1	'31AUG86'	'19:00:00'	86.00
'332	'	1	'31AUG86'	'19:00:00'	9.00
'333	'	1	'31AUG86'	'19:00:00'	26.00
'334	'	1	'31AUG86'	'19:00:00'	9.00
'335	'	1	'31AUG86'	'19:00:00'	7.00
'336	'	1	'31AUG86'	'19:00:00'	27.00
'337	'	1	'31AUG86'	'19:00:00'	9.00
'338	'	1	'31AUG86'	'19:00:00'	195.00
'339	'	1	'31AUG86'	'19:00:00'	212.00
'340	'	1	'31AUG86'	'19:00:00'	0.00
'341	'	1	'31AUG86'	'19:00:00'	15.00
'342	'	1	'31AUG86'	'19:00:00'	98.00
'343	'	1	'31AUG86'	'19:00:00'	108.00
'401	'	1	'31AUG86'	'19:00:00'	0.00
'402	'	1	'31AUG86'	'19:00:00'	0.00
'404	'	1	'31AUG86'	'19:00:00'	0.00
'405	'	1	'31AUG86'	'19:00:00'	10.00
'406	'	1	'31AUG86'	'19:00:00'	3.00
'407	'	1	'31AUG86'	'19:00:00'	7.00
'409	'	1	'31AUG86'	'19:00:00'	12.00
'410	'	1	'31AUG86'	'19:00:00'	111.00
'411	'	1	'31AUG86'	'19:00:00'	150.00
'413	'	1	'31AUG86'	'19:00:00'	289.00
'414	'	1	'31AUG86'	'19:00:00'	290.00
'416	'	1	'31AUG86'	'19:00:00'	108.00
'417	'	1	'31AUG86'	'19:00:00'	132.00
'418	'	1	'31AUG86'	'19:00:00'	16.00
'419	'	1	'31AUG86'	'19:00:00'	7.00
'420	'	1	'31AUG86'	'19:00:00'	0.00
'421	'	1	'31AUG86'	'19:00:00'	8.00
'422	'	1	'31AUG86'	'19:00:00'	54.00
'423	'	1	'31AUG86'	'19:00:00'	400.00
'424	'	1	'31AUG86'	'19:00:00'	395.00
'425	'	1	'31AUG86'	'19:00:00'	335.00

'426	'	1	'31AUG86'	'19:00:00'	321.00
'428	'	1	'31AUG86'	'19:00:00'	30.00
'502	'	1	'31AUG86'	'19:00:00'	0.00
'505	'	1	'31AUG86'	'19:00:00'	108.00
'507	'	1	'31AUG86'	'19:00:00'	135.00
'508	'	1	'31AUG86'	'19:00:00'	256.00
'509	'	1	'31AUG86'	'19:00:00'	149.00
'511	'	1	'31AUG86'	'19:00:00'	46.00
'512	'	1	'31AUG86'	'19:00:00'	8.00
'513	'	1	'31AUG86'	'19:00:00'	47.00
'514	'	1	'31AUG86'	'19:00:00'	58.00
'515	'	1	'31AUG86'	'19:00:00'	76.00
'516	'	1	'31AUG86'	'19:00:00'	62.00
'518	'	1	'31AUG86'	'19:00:00'	19.00
'519	'	1	'31AUG86'	'19:00:00'	39.00
'520	'	1	'31AUG86'	'19:00:00'	11.00
'521	'	1	'31AUG86'	'19:00:00'	0.00
'522	'	1	'31AUG86'	'19:00:00'	3.00
'523	'	1	'31AUG86'	'19:00:00'	8.00
'524	'	1	'31AUG86'	'19:00:00'	6.00
'525	'	1	'31AUG86'	'19:00:00'	17.00
'526	'	1	'31AUG86'	'19:00:00'	0.00
'527	'	1	'31AUG86'	'19:00:00'	5.00
'528	'	1	'31AUG86'	'19:00:00'	4.00
'529	'	1	'31AUG86'	'19:00:00'	0.00
'101	'	1	'31AUG86'	'20:00:00'	13.00
'102	'	1	'31AUG86'	'20:00:00'	0.00
'103	'	1	'31AUG86'	'20:00:00'	0.00
'104	'	1	'31AUG86'	'20:00:00'	0.00
'105	'	1	'31AUG86'	'20:00:00'	4.00
'106	'	1	'31AUG86'	'20:00:00'	1.00
'107	'	1	'31AUG86'	'20:00:00'	12.00
'109	'	1	'31AUG86'	'20:00:00'	0.00
'110	'	1	'31AUG86'	'20:00:00'	0.00
'111	'	1	'31AUG86'	'20:00:00'	0.00
'112	'	1	'31AUG86'	'20:00:00'	0.00
'113	'	1	'31AUG86'	'20:00:00'	0.00
'114	'	1	'31AUG86'	'20:00:00'	0.00
'116	'	1	'31AUG86'	'20:00:00'	0.00
'117	'	1	'31AUG86'	'20:00:00'	0.00
'118	'	1	'31AUG86'	'20:00:00'	18.00
'120	'	1	'31AUG86'	'20:00:00'	0.00
'121	'	1	'31AUG86'	'20:00:00'	0.00
'122	'	1	'31AUG86'	'20:00:00'	0.00
'201	'	1	'31AUG86'	'20:00:00'	0.00
'202	'	1	'31AUG86'	'20:00:00'	0.00

'203	'	1	'31AUG86'	'20:00:00'	0.00
'204	'	1	'31AUG86'	'20:00:00'	0.00
'205	'	1	'31AUG86'	'20:00:00'	0.00
'206	'	1	'31AUG86'	'20:00:00'	0.00
'207	'	1	'31AUG86'	'20:00:00'	0.00
'209	'	1	'31AUG86'	'20:00:00'	0.00
'210	'	1	'31AUG86'	'20:00:00'	0.00
'211	'	1	'31AUG86'	'20:00:00'	0.00
'212	'	1	'31AUG86'	'20:00:00'	10.00
'213	'	1	'31AUG86'	'20:00:00'	0.00
'214	'	1	'31AUG86'	'20:00:00'	0.00
'216	'	1	'31AUG86'	'20:00:00'	0.00
'217	'	1	'31AUG86'	'20:00:00'	0.00
'218	'	1	'31AUG86'	'20:00:00'	2.00
'219	'	1	'31AUG86'	'20:00:00'	0.00
'220	'	1	'31AUG86'	'20:00:00'	0.00
'221	'	1	'31AUG86'	'20:00:00'	6.00
'222	'	1	'31AUG86'	'20:00:00'	0.00
'223	'	1	'31AUG86'	'20:00:00'	0.00
'224	'	1	'31AUG86'	'20:00:00'	0.00
'225	'	1	'31AUG86'	'20:00:00'	0.00
'226	'	1	'31AUG86'	'20:00:00'	1.00
'228	'	1	'31AUG86'	'20:00:00'	0.00
'301	'	1	'31AUG86'	'20:00:00'	0.00
'302	'	1	'31AUG86'	'20:00:00'	0.00
'303	'	1	'31AUG86'	'20:00:00'	0.00
'304	'	1	'31AUG86'	'20:00:00'	0.00
'305	'	1	'31AUG86'	'20:00:00'	0.00
'306	'	1	'31AUG86'	'20:00:00'	0.00
'307	'	1	'31AUG86'	'20:00:00'	0.00
'310	'	1	'31AUG86'	'20:00:00'	0.00
'311	'	1	'31AUG86'	'20:00:00'	0.00
'312	'	1	'31AUG86'	'20:00:00'	0.00
'313	'	1	'31AUG86'	'20:00:00'	0.00
'314	'	1	'31AUG86'	'20:00:00'	0.00
'315	'	1	'31AUG86'	'20:00:00'	5025.00
'316	'	1	'31AUG86'	'20:00:00'	7205.00
'317	'	1	'31AUG86'	'20:00:00'	7703.00
'318	'	1	'31AUG86'	'20:00:00'	16790.00
'319	'	1	'31AUG86'	'20:00:00'	13694.00
'320	'	1	'31AUG86'	'20:00:00'	0.00
'321	'	1	'31AUG86'	'20:00:00'	748.00
'323	'	1	'31AUG86'	'20:00:00'	2.00
'325	'	1	'31AUG86'	'20:00:00'	0.00
'326	'	1	'31AUG86'	'20:00:00'	0.00
'328	'	1	'31AUG86'	'20:00:00'	764.00

'330	'	1	'31AUG86'	'20:00:00'	3.00
'332	'	1	'31AUG86'	'20:00:00'	16.00
'334	'	1	'31AUG86'	'20:00:00'	0.00
'335	'	1	'31AUG86'	'20:00:00'	0.00
'336	'	1	'31AUG86'	'20:00:00'	15.00
'337	'	1	'31AUG86'	'20:00:00'	32.00
'338	'	1	'31AUG86'	'20:00:00'	35.00
'339	'	1	'31AUG86'	'20:00:00'	99.00
'340	'	1	'31AUG86'	'20:00:00'	0.00
'341	'	1	'31AUG86'	'20:00:00'	53.00
'342	'	1	'31AUG86'	'20:00:00'	49.00
'343	'	1	'31AUG86'	'20:00:00'	50.00
'401	'	1	'31AUG86'	'20:00:00'	2.00
'402	'	1	'31AUG86'	'20:00:00'	0.00
'403	'	1	'31AUG86'	'20:00:00'	29.00
'404	'	1	'31AUG86'	'20:00:00'	11.00
'405	'	1	'31AUG86'	'20:00:00'	24.00
'406	'	1	'31AUG86'	'20:00:00'	29.00
'407	'	1	'31AUG86'	'20:00:00'	201.00
'408	'	1	'31AUG86'	'20:00:00'	75.00
'409	'	1	'31AUG86'	'20:00:00'	246.00
'410	'	1	'31AUG86'	'20:00:00'	231.00
'411	'	1	'31AUG86'	'20:00:00'	216.00
'412	'	1	'31AUG86'	'20:00:00'	276.00
'413	'	1	'31AUG86'	'20:00:00'	190.00
'414	'	1	'31AUG86'	'20:00:00'	127.00
'416	'	1	'31AUG86'	'20:00:00'	286.00
'417	'	1	'31AUG86'	'20:00:00'	319.00
'419	'	1	'31AUG86'	'20:00:00'	175.00
'420	'	1	'31AUG86'	'20:00:00'	50.00
'421	'	1	'31AUG86'	'20:00:00'	20.00
'422	'	1	'31AUG86'	'20:00:00'	71.00
'423	'	1	'31AUG86'	'20:00:00'	62.00
'424	'	1	'31AUG86'	'20:00:00'	41.00
'425	'	1	'31AUG86'	'20:00:00'	121.00
'426	'	1	'31AUG86'	'20:00:00'	234.00
'501	'	1	'31AUG86'	'20:00:00'	127.00
'502	'	1	'31AUG86'	'20:00:00'	39.00
'503	'	1	'31AUG86'	'20:00:00'	0.00
'505	'	1	'31AUG86'	'20:00:00'	303.00
'507	'	1	'31AUG86'	'20:00:00'	190.00
'508	'	1	'31AUG86'	'20:00:00'	102.00
'509	'	1	'31AUG86'	'20:00:00'	53.00
'512	'	1	'31AUG86'	'20:00:00'	14.00
'513	'	1	'31AUG86'	'20:00:00'	84.00
'514	'	1	'31AUG86'	'20:00:00'	12.00

'518	'	1	'31AUG86'	'20:00:00'	9.00
'519	'	1	'31AUG86'	'20:00:00'	15.00
'522	'	1	'31AUG86'	'20:00:00'	1.00
'523	'	1	'31AUG86'	'20:00:00'	8.00
'524	'	1	'31AUG86'	'20:00:00'	2.00
'526	'	1	'31AUG86'	'20:00:00'	0.00
'527	'	1	'31AUG86'	'20:00:00'	46.00
'528	'	1	'31AUG86'	'20:00:00'	36.00
'529	'	1	'31AUG86'	'20:00:00'	17.00
'101	'	1	'31AUG86'	'21:00:00'	12.00
'103	'	1	'31AUG86'	'21:00:00'	0.00
'104	'	1	'31AUG86'	'21:00:00'	0.00
'105	'	1	'31AUG86'	'21:00:00'	0.00
'106	'	1	'31AUG86'	'21:00:00'	0.00
'107	'	1	'31AUG86'	'21:00:00'	10.00
'109	'	1	'31AUG86'	'21:00:00'	0.00
'110	'	1	'31AUG86'	'21:00:00'	0.00
'111	'	1	'31AUG86'	'21:00:00'	0.00
'112	'	1	'31AUG86'	'21:00:00'	0.00
'113	'	1	'31AUG86'	'21:00:00'	0.00
'114	'	1	'31AUG86'	'21:00:00'	0.00
'116	'	1	'31AUG86'	'21:00:00'	2.00
'117	'	1	'31AUG86'	'21:00:00'	0.00
'118	'	1	'31AUG86'	'21:00:00'	0.00
'119	'	1	'31AUG86'	'21:00:00'	0.00
'121	'	1	'31AUG86'	'21:00:00'	0.00
'122	'	1	'31AUG86'	'21:00:00'	0.00
'201	'	1	'31AUG86'	'21:00:00'	0.00
'202	'	1	'31AUG86'	'21:00:00'	0.00
'203	'	1	'31AUG86'	'21:00:00'	0.00
'204	'	1	'31AUG86'	'21:00:00'	0.00
'206	'	1	'31AUG86'	'21:00:00'	0.00
'207	'	1	'31AUG86'	'21:00:00'	0.00
'208	'	1	'31AUG86'	'21:00:00'	0.00
'209	'	1	'31AUG86'	'21:00:00'	0.00
'210	'	1	'31AUG86'	'21:00:00'	0.00
'211	'	1	'31AUG86'	'21:00:00'	0.00
'212	'	1	'31AUG86'	'21:00:00'	6.00
'213	'	1	'31AUG86'	'21:00:00'	0.00
'215	'	1	'31AUG86'	'21:00:00'	0.00
'216	'	1	'31AUG86'	'21:00:00'	0.00
'218	'	1	'31AUG86'	'21:00:00'	0.00
'219	'	1	'31AUG86'	'21:00:00'	0.00
'220	'	1	'31AUG86'	'21:00:00'	0.00
'221	'	1	'31AUG86'	'21:00:00'	4.00
'222	'	1	'31AUG86'	'21:00:00'	0.00

'223	'	1	'31AUG86'	'21:00:00'	0.00
'224	'	1	'31AUG86'	'21:00:00'	2.00
'225	'	1	'31AUG86'	'21:00:00'	0.00
'226	'	1	'31AUG86'	'21:00:00'	0.00
'227	'	1	'31AUG86'	'21:00:00'	0.00
'228	'	1	'31AUG86'	'21:00:00'	0.00
'301	'	1	'31AUG86'	'21:00:00'	0.00
'302	'	1	'31AUG86'	'21:00:00'	0.00
'303	'	1	'31AUG86'	'21:00:00'	0.00
'308	'	1	'31AUG86'	'21:00:00'	0.00
'309	'	1	'31AUG86'	'21:00:00'	0.00
'310	'	1	'31AUG86'	'21:00:00'	0.00
'311	'	1	'31AUG86'	'21:00:00'	0.00
'312	'	1	'31AUG86'	'21:00:00'	0.00
'313	'	1	'31AUG86'	'21:00:00'	0.00
'314	'	1	'31AUG86'	'21:00:00'	0.00
'315	'	1	'31AUG86'	'21:00:00'	2390.00
'316	'	1	'31AUG86'	'21:00:00'	3466.00
'317	'	1	'31AUG86'	'21:00:00'	3921.00
'318	'	1	'31AUG86'	'21:00:00'	4659.00
'320	'	1	'31AUG86'	'21:00:00'	469.00
'321	'	1	'31AUG86'	'21:00:00'	122.00
'323	'	1	'31AUG86'	'21:00:00'	16.00
'324	'	1	'31AUG86'	'21:00:00'	0.00
'325	'	1	'31AUG86'	'21:00:00'	0.00
'327	'	1	'31AUG86'	'21:00:00'	0.00
'328	'	1	'31AUG86'	'21:00:00'	922.00
'330	'	1	'31AUG86'	'21:00:00'	1063.00
'332	'	1	'31AUG86'	'21:00:00'	190.00
'333	'	1	'31AUG86'	'21:00:00'	29.00
'334	'	1	'31AUG86'	'21:00:00'	0.00
'336	'	1	'31AUG86'	'21:00:00'	353.00
'337	'	1	'31AUG86'	'21:00:00'	842.00
'338	'	1	'31AUG86'	'21:00:00'	436.00
'339	'	1	'31AUG86'	'21:00:00'	37.00
'340	'	1	'31AUG86'	'21:00:00'	0.00
'341	'	1	'31AUG86'	'21:00:00'	58.00
'342	'	1	'31AUG86'	'21:00:00'	14.00
'343	'	1	'31AUG86'	'21:00:00'	48.00
'401	'	1	'31AUG86'	'21:00:00'	13.00
'402	'	1	'31AUG86'	'21:00:00'	36.00
'403	'	1	'31AUG86'	'21:00:00'	95.00
'404	'	1	'31AUG86'	'21:00:00'	119.00
'405	'	1	'31AUG86'	'21:00:00'	213.00
'406	'	1	'31AUG86'	'21:00:00'	154.00
'407	'	1	'31AUG86'	'21:00:00'	154.00

'408	'	1	'31AUG86'	'21:00:00'	0.00
'409	'	1	'31AUG86'	'21:00:00'	136.00
'410	'	1	'31AUG86'	'21:00:00'	100.00
'412	'	1	'31AUG86'	'21:00:00'	64.00
'413	'	1	'31AUG86'	'21:00:00'	140.00
'414	'	1	'31AUG86'	'21:00:00'	143.00
'416	'	1	'31AUG86'	'21:00:00'	8.00
'417	'	1	'31AUG86'	'21:00:00'	180.00
'418	'	1	'31AUG86'	'21:00:00'	113.00
'419	'	1	'31AUG86'	'21:00:00'	156.00
'420	'	1	'31AUG86'	'21:00:00'	52.00
'421	'	1	'31AUG86'	'21:00:00'	18.00
'422	'	1	'31AUG86'	'21:00:00'	16.00
'423	'	1	'31AUG86'	'21:00:00'	18.00
'424	'	1	'31AUG86'	'21:00:00'	31.00
'425	'	1	'31AUG86'	'21:00:00'	15.00
'426	'	1	'31AUG86'	'21:00:00'	20.00
'428	'	1	'31AUG86'	'21:00:00'	46.00
'501	'	1	'31AUG86'	'21:00:00'	183.00
'502	'	1	'31AUG86'	'21:00:00'	119.00
'503	'	1	'31AUG86'	'21:00:00'	67.00
'505	'	1	'31AUG86'	'21:00:00'	22.00
'506	'	1	'31AUG86'	'21:00:00'	89.00
'508	'	1	'31AUG86'	'21:00:00'	5.00
'509	'	1	'31AUG86'	'21:00:00'	3.00
'512	'	1	'31AUG86'	'21:00:00'	19.00
'513	'	1	'31AUG86'	'21:00:00'	1.00
'514	'	1	'31AUG86'	'21:00:00'	0.00
'515	'	1	'31AUG86'	'21:00:00'	3.00
'516	'	1	'31AUG86'	'21:00:00'	10.00
'518	'	1	'31AUG86'	'21:00:00'	1.00
'520	'	1	'31AUG86'	'21:00:00'	0.00
'521	'	1	'31AUG86'	'21:00:00'	0.00
'522	'	1	'31AUG86'	'21:00:00'	284.00
'523	'	1	'31AUG86'	'21:00:00'	5.00
'524	'	1	'31AUG86'	'21:00:00'	0.00
'526	'	1	'31AUG86'	'21:00:00'	0.00
'527	'	1	'31AUG86'	'21:00:00'	7.00
'529	'	1	'31AUG86'	'21:00:00'	3.00
'101	'	1	'31AUG86'	'22:00:00'	3.00
'102	'	1	'31AUG86'	'22:00:00'	0.00
'103	'	1	'31AUG86'	'22:00:00'	0.00
'104	'	1	'31AUG86'	'22:00:00'	0.00
'105	'	1	'31AUG86'	'22:00:00'	0.00
'106	'	1	'31AUG86'	'22:00:00'	0.00
'107	'	1	'31AUG86'	'22:00:00'	8.00

'108	'	1	'31AUG86'	'22:00:00'	0.00
'109	'	1	'31AUG86'	'22:00:00'	0.00
'112	'	1	'31AUG86'	'22:00:00'	0.00
'114	'	1	'31AUG86'	'22:00:00'	0.00
'116	'	1	'31AUG86'	'22:00:00'	2.00
'117	'	1	'31AUG86'	'22:00:00'	11.00
'118	'	1	'31AUG86'	'22:00:00'	12.00
'119	'	1	'31AUG86'	'22:00:00'	0.00
'120	'	1	'31AUG86'	'22:00:00'	0.00
'121	'	1	'31AUG86'	'22:00:00'	0.00
'201	'	1	'31AUG86'	'22:00:00'	0.00
'203	'	1	'31AUG86'	'22:00:00'	0.00
'204	'	1	'31AUG86'	'22:00:00'	0.00
'205	'	1	'31AUG86'	'22:00:00'	0.00
'206	'	1	'31AUG86'	'22:00:00'	0.00
'207	'	1	'31AUG86'	'22:00:00'	0.00
'208	'	1	'31AUG86'	'22:00:00'	0.00
'209	'	1	'31AUG86'	'22:00:00'	0.00
'211	'	1	'31AUG86'	'22:00:00'	0.00
'212	'	1	'31AUG86'	'22:00:00'	0.00
'214	'	1	'31AUG86'	'22:00:00'	14.00
'216	'	1	'31AUG86'	'22:00:00'	0.00
'217	'	1	'31AUG86'	'22:00:00'	0.00
'218	'	1	'31AUG86'	'22:00:00'	0.00
'219	'	1	'31AUG86'	'22:00:00'	0.00
'220	'	1	'31AUG86'	'22:00:00'	0.00
'221	'	1	'31AUG86'	'22:00:00'	2.00
'222	'	1	'31AUG86'	'22:00:00'	0.00
'223	'	1	'31AUG86'	'22:00:00'	0.00
'224	'	1	'31AUG86'	'22:00:00'	0.00
'225	'	1	'31AUG86'	'22:00:00'	0.00
'226	'	1	'31AUG86'	'22:00:00'	8.00
'227	'	1	'31AUG86'	'22:00:00'	23.00
'228	'	1	'31AUG86'	'22:00:00'	0.00
'301	'	1	'31AUG86'	'22:00:00'	0.00
'302	'	1	'31AUG86'	'22:00:00'	0.00
'303	'	1	'31AUG86'	'22:00:00'	0.00
'304	'	1	'31AUG86'	'22:00:00'	0.00
'305	'	1	'31AUG86'	'22:00:00'	0.00
'306	'	1	'31AUG86'	'22:00:00'	0.00
'307	'	1	'31AUG86'	'22:00:00'	0.00
'308	'	1	'31AUG86'	'22:00:00'	0.00
'309	'	1	'31AUG86'	'22:00:00'	0.00
'311	'	1	'31AUG86'	'22:00:00'	0.00
'312	'	1	'31AUG86'	'22:00:00'	0.00
'313	'	1	'31AUG86'	'22:00:00'	0.00

'314	'	1	'31AUG86'	'22:00:00'	0.00
'315	'	1	'31AUG86'	'22:00:00'	4961.00
'316	'	1	'31AUG86'	'22:00:00'	9577.00
'317	'	1	'31AUG86'	'22:00:00'	16054.00
'318	'	1	'31AUG86'	'22:00:00'	22349.00
'319	'	1	'31AUG86'	'22:00:00'	34881.00
'321	'	1	'31AUG86'	'22:00:00'	2118.00
'323	'	1	'31AUG86'	'22:00:00'	36.00
'326	'	1	'31AUG86'	'22:00:00'	3.00
'327	'	1	'31AUG86'	'22:00:00'	5.00
'328	'	1	'31AUG86'	'22:00:00'	1130.00
'330	'	1	'31AUG86'	'22:00:00'	593.00
'331	'	1	'31AUG86'	'22:00:00'	1564.00
'332	'	1	'31AUG86'	'22:00:00'	573.00
'333	'	1	'31AUG86'	'22:00:00'	38.00
'334	'	1	'31AUG86'	'22:00:00'	0.00
'335	'	1	'31AUG86'	'22:00:00'	0.00
'337	'	1	'31AUG86'	'22:00:00'	157.00
'338	'	1	'31AUG86'	'22:00:00'	250.00
'339	'	1	'31AUG86'	'22:00:00'	224.00
'340	'	1	'31AUG86'	'22:00:00'	4.00
'341	'	1	'31AUG86'	'22:00:00'	128.00
'342	'	1	'31AUG86'	'22:00:00'	146.00
'343	'	1	'31AUG86'	'22:00:00'	81.00
'401	'	1	'31AUG86'	'22:00:00'	34.00
'402	'	1	'31AUG86'	'22:00:00'	8.00
'403	'	1	'31AUG86'	'22:00:00'	72.00
'404	'	1	'31AUG86'	'22:00:00'	45.00
'405	'	1	'31AUG86'	'22:00:00'	44.00
'406	'	1	'31AUG86'	'22:00:00'	47.00
'408	'	1	'31AUG86'	'22:00:00'	0.00
'409	'	1	'31AUG86'	'22:00:00'	75.00
'410	'	1	'31AUG86'	'22:00:00'	41.00
'411	'	1	'31AUG86'	'22:00:00'	0.00
'412	'	1	'31AUG86'	'22:00:00'	14.00
'413	'	1	'31AUG86'	'22:00:00'	112.00
'414	'	1	'31AUG86'	'22:00:00'	248.00
'416	'	1	'31AUG86'	'22:00:00'	201.00
'417	'	1	'31AUG86'	'22:00:00'	239.00
'418	'	1	'31AUG86'	'22:00:00'	243.00
'419	'	1	'31AUG86'	'22:00:00'	203.00
'421	'	1	'31AUG86'	'22:00:00'	18.00
'422	'	1	'31AUG86'	'22:00:00'	64.00
'423	'	1	'31AUG86'	'22:00:00'	4.00
'424	'	1	'31AUG86'	'22:00:00'	13.00
'425	'	1	'31AUG86'	'22:00:00'	15.00

'426	'	1	'31AUG86'	'22:00:00'	8.00
'428	'	1	'31AUG86'	'22:00:00'	4.00
'501	'	1	'31AUG86'	'22:00:00'	37.00
'502	'	1	'31AUG86'	'22:00:00'	7.00
'503	'	1	'31AUG86'	'22:00:00'	24.00
'505	'	1	'31AUG86'	'22:00:00'	5.00
'506	'	1	'31AUG86'	'22:00:00'	19.00
'507	'	1	'31AUG86'	'22:00:00'	0.00
'508	'	1	'31AUG86'	'22:00:00'	0.00
'509	'	1	'31AUG86'	'22:00:00'	3.00
'512	'	1	'31AUG86'	'22:00:00'	12.00
'513	'	1	'31AUG86'	'22:00:00'	0.00
'514	'	1	'31AUG86'	'22:00:00'	0.00
'515	'	1	'31AUG86'	'22:00:00'	0.00
'518	'	1	'31AUG86'	'22:00:00'	0.00
'519	'	1	'31AUG86'	'22:00:00'	0.00
'522	'	1	'31AUG86'	'22:00:00'	0.00
'525	'	1	'31AUG86'	'22:00:00'	0.00
'526	'	1	'31AUG86'	'22:00:00'	0.00
'527	'	1	'31AUG86'	'22:00:00'	2.00
'528	'	1	'31AUG86'	'22:00:00'	0.00
'101	'	1	'31AUG86'	'23:00:00'	15.00
'102	'	1	'31AUG86'	'23:00:00'	0.00
'103	'	1	'31AUG86'	'23:00:00'	0.00
'104	'	1	'31AUG86'	'23:00:00'	0.00
'105	'	1	'31AUG86'	'23:00:00'	0.00
'107	'	1	'31AUG86'	'23:00:00'	4.00
'108	'	1	'31AUG86'	'23:00:00'	0.00
'111	'	1	'31AUG86'	'23:00:00'	0.00
'112	'	1	'31AUG86'	'23:00:00'	0.00
'113	'	1	'31AUG86'	'23:00:00'	0.00
'117	'	1	'31AUG86'	'23:00:00'	0.00
'118	'	1	'31AUG86'	'23:00:00'	2.00
'119	'	1	'31AUG86'	'23:00:00'	0.00
'120	'	1	'31AUG86'	'23:00:00'	0.00
'121	'	1	'31AUG86'	'23:00:00'	0.00
'122	'	1	'31AUG86'	'23:00:00'	0.00
'201	'	1	'31AUG86'	'23:00:00'	0.00
'202	'	1	'31AUG86'	'23:00:00'	0.00
'203	'	1	'31AUG86'	'23:00:00'	0.00
'204	'	1	'31AUG86'	'23:00:00'	0.00
'205	'	1	'31AUG86'	'23:00:00'	0.00
'206	'	1	'31AUG86'	'23:00:00'	2.00
'207	'	1	'31AUG86'	'23:00:00'	0.00
'208	'	1	'31AUG86'	'23:00:00'	0.00
'209	'	1	'31AUG86'	'23:00:00'	0.00

'210	'	1	'31AUG86'	'23:00:00'	0.00
'211	'	1	'31AUG86'	'23:00:00'	0.00
'213	'	1	'31AUG86'	'23:00:00'	0.00
'214	'	1	'31AUG86'	'23:00:00'	10.00
'216	'	1	'31AUG86'	'23:00:00'	0.00
'217	'	1	'31AUG86'	'23:00:00'	5.00
'218	'	1	'31AUG86'	'23:00:00'	0.00
'219	'	1	'31AUG86'	'23:00:00'	0.00
'220	'	1	'31AUG86'	'23:00:00'	0.00
'222	'	1	'31AUG86'	'23:00:00'	0.00
'223	'	1	'31AUG86'	'23:00:00'	0.00
'224	'	1	'31AUG86'	'23:00:00'	0.00
'225	'	1	'31AUG86'	'23:00:00'	0.00
'226	'	1	'31AUG86'	'23:00:00'	11.00
'227	'	1	'31AUG86'	'23:00:00'	2.00
'228	'	1	'31AUG86'	'23:00:00'	0.00
'302	'	1	'31AUG86'	'23:00:00'	0.00
'303	'	1	'31AUG86'	'23:00:00'	0.00
'305	'	1	'31AUG86'	'23:00:00'	0.00
'306	'	1	'31AUG86'	'23:00:00'	0.00
'307	'	1	'31AUG86'	'23:00:00'	0.00
'308	'	1	'31AUG86'	'23:00:00'	0.00
'309	'	1	'31AUG86'	'23:00:00'	0.00
'310	'	1	'31AUG86'	'23:00:00'	0.00
'311	'	1	'31AUG86'	'23:00:00'	0.00
'313	'	1	'31AUG86'	'23:00:00'	0.00
'315	'	1	'31AUG86'	'23:00:00'	813.00
'316	'	1	'31AUG86'	'23:00:00'	3995.00
'317	'	1	'31AUG86'	'23:00:00'	5369.00
'318	'	1	'31AUG86'	'23:00:00'	6216.00
'319	'	1	'31AUG86'	'23:00:00'	38731.00
'320	'	1	'31AUG86'	'23:00:00'	2543.00
'321	'	1	'31AUG86'	'23:00:00'	14886.00
'323	'	1	'31AUG86'	'23:00:00'	1131.00
'325	'	1	'31AUG86'	'23:00:00'	1339.00
'326	'	1	'31AUG86'	'23:00:00'	439.00
'327	'	1	'31AUG86'	'23:00:00'	33.00
'328	'	1	'31AUG86'	'23:00:00'	2435.00
'330	'	1	'31AUG86'	'23:00:00'	1982.00
'332	'	1	'31AUG86'	'23:00:00'	1417.00
'334	'	1	'31AUG86'	'23:00:00'	0.00
'335	'	1	'31AUG86'	'23:00:00'	0.00
'336	'	1	'31AUG86'	'23:00:00'	937.00
'337	'	1	'31AUG86'	'23:00:00'	818.00
'338	'	1	'31AUG86'	'23:00:00'	202.00
'339	'	1	'31AUG86'	'23:00:00'	145.00

'340	'	1	'31AUG86'	'23:00:00'	0.00
'341	'	1	'31AUG86'	'23:00:00'	62.00
'342	'	1	'31AUG86'	'23:00:00'	54.00
'343	'	1	'31AUG86'	'23:00:00'	23.00
'401	'	1	'31AUG86'	'23:00:00'	6.00
'402	'	1	'31AUG86'	'23:00:00'	10.00
'403	'	1	'31AUG86'	'23:00:00'	39.00
'404	'	1	'31AUG86'	'23:00:00'	40.00
'405	'	1	'31AUG86'	'23:00:00'	30.00
'406	'	1	'31AUG86'	'23:00:00'	32.00
'407	'	1	'31AUG86'	'23:00:00'	147.00
'409	'	1	'31AUG86'	'23:00:00'	13.00
'410	'	1	'31AUG86'	'23:00:00'	72.00
'411	'	1	'31AUG86'	'23:00:00'	5.00
'412	'	1	'31AUG86'	'23:00:00'	0.00
'413	'	1	'31AUG86'	'23:00:00'	59.00
'414	'	1	'31AUG86'	'23:00:00'	133.00
'416	'	1	'31AUG86'	'23:00:00'	91.00
'417	'	1	'31AUG86'	'23:00:00'	156.00
'418	'	1	'31AUG86'	'23:00:00'	128.00
'419	'	1	'31AUG86'	'23:00:00'	120.00
'420	'	1	'31AUG86'	'23:00:00'	70.00
'421	'	1	'31AUG86'	'23:00:00'	3.00
'422	'	1	'31AUG86'	'23:00:00'	25.00
'423	'	1	'31AUG86'	'23:00:00'	10.00
'424	'	1	'31AUG86'	'23:00:00'	16.00
'425	'	1	'31AUG86'	'23:00:00'	0.00
'426	'	1	'31AUG86'	'23:00:00'	13.00
'428	'	1	'31AUG86'	'23:00:00'	0.00
'501	'	1	'31AUG86'	'23:00:00'	18.00
'502	'	1	'31AUG86'	'23:00:00'	4.00
'505	'	1	'31AUG86'	'23:00:00'	9.00
'507	'	1	'31AUG86'	'23:00:00'	21.00
'509	'	1	'31AUG86'	'23:00:00'	0.00
'511	'	1	'31AUG86'	'23:00:00'	4.00
'512	'	1	'31AUG86'	'23:00:00'	0.00
'513	'	1	'31AUG86'	'23:00:00'	0.00
'514	'	1	'31AUG86'	'23:00:00'	0.00
'515	'	1	'31AUG86'	'23:00:00'	0.00
'516	'	1	'31AUG86'	'23:00:00'	0.00
'518	'	1	'31AUG86'	'23:00:00'	0.00
'519	'	1	'31AUG86'	'23:00:00'	135.00
'521	'	1	'31AUG86'	'23:00:00'	0.00
'522	'	1	'31AUG86'	'23:00:00'	0.00
'523	'	1	'31AUG86'	'23:00:00'	0.00
'524	'	1	'31AUG86'	'23:00:00'	0.00

'525	'	1	'31AUG86'	'23:00:00'	3.00
'526	'	1	'31AUG86'	'23:00:00'	0.00
'527	'	1	'31AUG86'	'23:00:00'	1.00
'528	'	1	'31AUG86'	'23:00:00'	8.00
'101	'	1	'01SEP86'	'00:00:00'	4.00
'102	'	1	'01SEP86'	'00:00:00'	0.00
'103	'	1	'01SEP86'	'00:00:00'	0.00
'104	'	1	'01SEP86'	'00:00:00'	0.00
'105	'	1	'01SEP86'	'00:00:00'	0.00
'106	'	1	'01SEP86'	'00:00:00'	0.00
'107	'	1	'01SEP86'	'00:00:00'	3.00
'108	'	1	'01SEP86'	'00:00:00'	0.00
'109	'	1	'01SEP86'	'00:00:00'	0.00
'111	'	1	'01SEP86'	'00:00:00'	0.00
'113	'	1	'01SEP86'	'00:00:00'	0.00
'114	'	1	'01SEP86'	'00:00:00'	0.00
'117	'	1	'01SEP86'	'00:00:00'	0.00
'118	'	1	'01SEP86'	'00:00:00'	4.00
'119	'	1	'01SEP86'	'00:00:00'	0.00
'120	'	1	'01SEP86'	'00:00:00'	0.00
'121	'	1	'01SEP86'	'00:00:00'	11.00
'122	'	1	'01SEP86'	'00:00:00'	0.00
'201	'	1	'01SEP86'	'00:00:00'	0.00
'203	'	1	'01SEP86'	'00:00:00'	0.00
'204	'	1	'01SEP86'	'00:00:00'	0.00
'205	'	1	'01SEP86'	'00:00:00'	0.00
'206	'	1	'01SEP86'	'00:00:00'	0.00
'207	'	1	'01SEP86'	'00:00:00'	0.00
'208	'	1	'01SEP86'	'00:00:00'	0.00
'209	'	1	'01SEP86'	'00:00:00'	0.00
'210	'	1	'01SEP86'	'00:00:00'	0.00
'211	'	1	'01SEP86'	'00:00:00'	0.00
'212	'	1	'01SEP86'	'00:00:00'	0.00
'213	'	1	'01SEP86'	'00:00:00'	0.00
'214	'	1	'01SEP86'	'00:00:00'	0.00
'216	'	1	'01SEP86'	'00:00:00'	0.00
'217	'	1	'01SEP86'	'00:00:00'	8.00
'219	'	1	'01SEP86'	'00:00:00'	0.00
'220	'	1	'01SEP86'	'00:00:00'	0.00
'221	'	1	'01SEP86'	'00:00:00'	1.00
'222	'	1	'01SEP86'	'00:00:00'	2.00
'223	'	1	'01SEP86'	'00:00:00'	0.00
'224	'	1	'01SEP86'	'00:00:00'	0.00
'225	'	1	'01SEP86'	'00:00:00'	0.00
'226	'	1	'01SEP86'	'00:00:00'	0.00
'227	'	1	'01SEP86'	'00:00:00'	0.00

'228	'	1	'01SEP86'	'00:00:00'	0.00
'301	'	1	'01SEP86'	'00:00:00'	0.00
'302	'	1	'01SEP86'	'00:00:00'	0.00
'303	'	1	'01SEP86'	'00:00:00'	0.00
'304	'	1	'01SEP86'	'00:00:00'	0.00
'305	'	1	'01SEP86'	'00:00:00'	0.00
'306	'	1	'01SEP86'	'00:00:00'	0.00
'307	'	1	'01SEP86'	'00:00:00'	0.00
'308	'	1	'01SEP86'	'00:00:00'	0.00
'309	'	1	'01SEP86'	'00:00:00'	0.00
'310	'	1	'01SEP86'	'00:00:00'	0.00
'311	'	1	'01SEP86'	'00:00:00'	0.00
'312	'	1	'01SEP86'	'00:00:00'	0.00
'313	'	1	'01SEP86'	'00:00:00'	0.00
'314	'	1	'01SEP86'	'00:00:00'	1.00
'315	'	1	'01SEP86'	'00:00:00'	0.00
'316	'	1	'01SEP86'	'00:00:00'	405.00
'317	'	1	'01SEP86'	'00:00:00'	273.00
'318	'	1	'01SEP86'	'00:00:00'	53.00
'319	'	1	'01SEP86'	'00:00:00'	4608.00
'320	'	1	'01SEP86'	'00:00:00'	6393.00
'321	'	1	'01SEP86'	'00:00:00'	6324.00
'323	'	1	'01SEP86'	'00:00:00'	1071.00
'324	'	1	'01SEP86'	'00:00:00'	185.00
'325	'	1	'01SEP86'	'00:00:00'	1725.00
'326	'	1	'01SEP86'	'00:00:00'	533.00
'327	'	1	'01SEP86'	'00:00:00'	138.00
'328	'	1	'01SEP86'	'00:00:00'	1384.00
'330	'	1	'01SEP86'	'00:00:00'	1386.00
'332	'	1	'01SEP86'	'00:00:00'	865.00
'333	'	1	'01SEP86'	'00:00:00'	740.00
'334	'	1	'01SEP86'	'00:00:00'	0.00
'335	'	1	'01SEP86'	'00:00:00'	0.00
'338	'	1	'01SEP86'	'00:00:00'	101.00
'339	'	1	'01SEP86'	'00:00:00'	172.00
'340	'	1	'01SEP86'	'00:00:00'	0.00
'341	'	1	'01SEP86'	'00:00:00'	39.00
'342	'	1	'01SEP86'	'00:00:00'	36.00
'343	'	1	'01SEP86'	'00:00:00'	62.00
'401	'	1	'01SEP86'	'00:00:00'	25.00
'402	'	1	'01SEP86'	'00:00:00'	0.00
'403	'	1	'01SEP86'	'00:00:00'	20.00
'404	'	1	'01SEP86'	'00:00:00'	8.00
'405	'	1	'01SEP86'	'00:00:00'	20.00
'407	'	1	'01SEP86'	'00:00:00'	24.00
'408	'	1	'01SEP86'	'00:00:00'	0.00

'409	'	1	'01SEP86'	'00:00:00'	8.00
'410	'	1	'01SEP86'	'00:00:00'	116.00
'411	'	1	'01SEP86'	'00:00:00'	59.00
'412	'	1	'01SEP86'	'00:00:00'	20.00
'413	'	1	'01SEP86'	'00:00:00'	102.00
'414	'	1	'01SEP86'	'00:00:00'	345.00
'416	'	1	'01SEP86'	'00:00:00'	123.00
'417	'	1	'01SEP86'	'00:00:00'	135.00
'418	'	1	'01SEP86'	'00:00:00'	97.00
'419	'	1	'01SEP86'	'00:00:00'	52.00
'420	'	1	'01SEP86'	'00:00:00'	0.00
'421	'	1	'01SEP86'	'00:00:00'	9.00
'422	'	1	'01SEP86'	'00:00:00'	47.00
'423	'	1	'01SEP86'	'00:00:00'	27.00
'424	'	1	'01SEP86'	'00:00:00'	30.00
'425	'	1	'01SEP86'	'00:00:00'	34.00
'428	'	1	'01SEP86'	'00:00:00'	0.00
'502	'	1	'01SEP86'	'00:00:00'	0.00
'503	'	1	'01SEP86'	'00:00:00'	0.00
'504	'	1	'01SEP86'	'00:00:00'	0.00
'505	'	1	'01SEP86'	'00:00:00'	2.00
'506	'	1	'01SEP86'	'00:00:00'	13.00
'507	'	1	'01SEP86'	'00:00:00'	0.00
'508	'	1	'01SEP86'	'00:00:00'	9.00
'509	'	1	'01SEP86'	'00:00:00'	6.00
'510	'	1	'01SEP86'	'00:00:00'	0.00
'511	'	1	'01SEP86'	'00:00:00'	1.00
'512	'	1	'01SEP86'	'00:00:00'	11.00
'513	'	1	'01SEP86'	'00:00:00'	0.00
'514	'	1	'01SEP86'	'00:00:00'	0.00
'515	'	1	'01SEP86'	'00:00:00'	2.00
'516	'	1	'01SEP86'	'00:00:00'	0.00
'518	'	1	'01SEP86'	'00:00:00'	0.00
'519	'	1	'01SEP86'	'00:00:00'	0.00
'520	'	1	'01SEP86'	'00:00:00'	8.00
'523	'	1	'01SEP86'	'00:00:00'	0.00
'524	'	1	'01SEP86'	'00:00:00'	0.00
'525	'	1	'01SEP86'	'00:00:00'	3.00
'527	'	1	'01SEP86'	'00:00:00'	3.00
'528	'	1	'01SEP86'	'00:00:00'	0.00
'529	'	1	'01SEP86'	'00:00:00'	0.00
'101	'	1	'01SEP86'	'01:00:00'	9.00
'102	'	1	'01SEP86'	'01:00:00'	0.00
'103	'	1	'01SEP86'	'01:00:00'	0.00
'104	'	1	'01SEP86'	'01:00:00'	0.00
'105	'	1	'01SEP86'	'01:00:00'	0.00

'106	'	1	'01SEP86'	'01:00:00'	0.00
'107	'	1	'01SEP86'	'01:00:00'	0.00
'108	'	1	'01SEP86'	'01:00:00'	1.00
'109	'	1	'01SEP86'	'01:00:00'	0.00
'110	'	1	'01SEP86'	'01:00:00'	0.00
'111	'	1	'01SEP86'	'01:00:00'	0.00
'112	'	1	'01SEP86'	'01:00:00'	0.00
'113	'	1	'01SEP86'	'01:00:00'	0.00
'114	'	1	'01SEP86'	'01:00:00'	0.00
'116	'	1	'01SEP86'	'01:00:00'	0.00
'117	'	1	'01SEP86'	'01:00:00'	0.00
'118	'	1	'01SEP86'	'01:00:00'	0.00
'119	'	1	'01SEP86'	'01:00:00'	0.00
'120	'	1	'01SEP86'	'01:00:00'	0.00
'121	'	1	'01SEP86'	'01:00:00'	0.00
'122	'	1	'01SEP86'	'01:00:00'	0.00
'201	'	1	'01SEP86'	'01:00:00'	0.00
'202	'	1	'01SEP86'	'01:00:00'	0.00
'203	'	1	'01SEP86'	'01:00:00'	0.00
'204	'	1	'01SEP86'	'01:00:00'	0.00
'205	'	1	'01SEP86'	'01:00:00'	0.00
'206	'	1	'01SEP86'	'01:00:00'	6.00
'207	'	1	'01SEP86'	'01:00:00'	0.00
'208	'	1	'01SEP86'	'01:00:00'	0.00
'209	'	1	'01SEP86'	'01:00:00'	0.00
'211	'	1	'01SEP86'	'01:00:00'	0.00
'212	'	1	'01SEP86'	'01:00:00'	0.00
'213	'	1	'01SEP86'	'01:00:00'	0.00
'214	'	1	'01SEP86'	'01:00:00'	0.00
'215	'	1	'01SEP86'	'01:00:00'	0.00
'216	'	1	'01SEP86'	'01:00:00'	0.00
'217	'	1	'01SEP86'	'01:00:00'	6.00
'218	'	1	'01SEP86'	'01:00:00'	0.00
'219	'	1	'01SEP86'	'01:00:00'	0.00
'220	'	1	'01SEP86'	'01:00:00'	0.00
'221	'	1	'01SEP86'	'01:00:00'	0.00
'222	'	1	'01SEP86'	'01:00:00'	0.00
'223	'	1	'01SEP86'	'01:00:00'	0.00
'224	'	1	'01SEP86'	'01:00:00'	0.00
'226	'	1	'01SEP86'	'01:00:00'	14.00
'227	'	1	'01SEP86'	'01:00:00'	0.00
'228	'	1	'01SEP86'	'01:00:00'	0.00
'301	'	1	'01SEP86'	'01:00:00'	0.00
'302	'	1	'01SEP86'	'01:00:00'	0.00
'303	'	1	'01SEP86'	'01:00:00'	0.00
'304	'	1	'01SEP86'	'01:00:00'	0.00

'305	'	1	'01SEP86'	'01:00:00'	0.00
'306	'	1	'01SEP86'	'01:00:00'	0.00
'307	'	1	'01SEP86'	'01:00:00'	0.00
'308	'	1	'01SEP86'	'01:00:00'	0.00
'310	'	1	'01SEP86'	'01:00:00'	0.00
'312	'	1	'01SEP86'	'01:00:00'	0.00
'313	'	1	'01SEP86'	'01:00:00'	0.00
'314	'	1	'01SEP86'	'01:00:00'	3.00
'315	'	1	'01SEP86'	'01:00:00'	1.00
'317	'	1	'01SEP86'	'01:00:00'	260.00
'318	'	1	'01SEP86'	'01:00:00'	0.00
'320	'	1	'01SEP86'	'01:00:00'	184.00
'321	'	1	'01SEP86'	'01:00:00'	78.00
'324	'	1	'01SEP86'	'01:00:00'	0.00
'325	'	1	'01SEP86'	'01:00:00'	34.00
'326	'	1	'01SEP86'	'01:00:00'	12.00
'327	'	1	'01SEP86'	'01:00:00'	0.00
'328	'	1	'01SEP86'	'01:00:00'	224.00
'330	'	1	'01SEP86'	'01:00:00'	110.00
'331	'	1	'01SEP86'	'01:00:00'	166.00
'332	'	1	'01SEP86'	'01:00:00'	132.00
'333	'	1	'01SEP86'	'01:00:00'	19.00
'334	'	1	'01SEP86'	'01:00:00'	0.00
'335	'	1	'01SEP86'	'01:00:00'	0.00
'336	'	1	'01SEP86'	'01:00:00'	52.00
'337	'	1	'01SEP86'	'01:00:00'	151.00
'338	'	1	'01SEP86'	'01:00:00'	65.00
'339	'	1	'01SEP86'	'01:00:00'	28.00
'340	'	1	'01SEP86'	'01:00:00'	0.00
'341	'	1	'01SEP86'	'01:00:00'	32.00
'342	'	1	'01SEP86'	'01:00:00'	73.00
'401	'	1	'01SEP86'	'01:00:00'	2.00
'402	'	1	'01SEP86'	'01:00:00'	0.00
'403	'	1	'01SEP86'	'01:00:00'	9.00
'404	'	1	'01SEP86'	'01:00:00'	0.00
'405	'	1	'01SEP86'	'01:00:00'	16.00
'406	'	1	'01SEP86'	'01:00:00'	10.00
'407	'	1	'01SEP86'	'01:00:00'	13.00
'409	'	1	'01SEP86'	'01:00:00'	2.00
'410	'	1	'01SEP86'	'01:00:00'	55.00
'411	'	1	'01SEP86'	'01:00:00'	18.00
'412	'	1	'01SEP86'	'01:00:00'	11.00
'413	'	1	'01SEP86'	'01:00:00'	110.00
'414	'	1	'01SEP86'	'01:00:00'	326.00
'415	'	1	'01SEP86'	'01:00:00'	202.00
'416	'	1	'01SEP86'	'01:00:00'	204.00

'417	'	1	'01SEP86'	'01:00:00'	147.00
'418	'	1	'01SEP86'	'01:00:00'	143.00
'419	'	1	'01SEP86'	'01:00:00'	81.00
'420	'	1	'01SEP86'	'01:00:00'	39.00
'421	'	1	'01SEP86'	'01:00:00'	10.00
'422	'	1	'01SEP86'	'01:00:00'	49.00
'423	'	1	'01SEP86'	'01:00:00'	33.00
'424	'	1	'01SEP86'	'01:00:00'	33.00
'425	'	1	'01SEP86'	'01:00:00'	37.00
'426	'	1	'01SEP86'	'01:00:00'	15.00
'428	'	1	'01SEP86'	'01:00:00'	8.00
'501	'	1	'01SEP86'	'01:00:00'	9.00
'502	'	1	'01SEP86'	'01:00:00'	2.00
'503	'	1	'01SEP86'	'01:00:00'	14.00
'504	'	1	'01SEP86'	'01:00:00'	0.00
'505	'	1	'01SEP86'	'01:00:00'	15.00
'506	'	1	'01SEP86'	'01:00:00'	12.00
'507	'	1	'01SEP86'	'01:00:00'	0.00
'508	'	1	'01SEP86'	'01:00:00'	12.00
'509	'	1	'01SEP86'	'01:00:00'	6.00
'511	'	1	'01SEP86'	'01:00:00'	32.00
'512	'	1	'01SEP86'	'01:00:00'	0.00
'513	'	1	'01SEP86'	'01:00:00'	0.00
'515	'	1	'01SEP86'	'01:00:00'	1.00
'516	'	1	'01SEP86'	'01:00:00'	0.00
'518	'	1	'01SEP86'	'01:00:00'	0.00
'519	'	1	'01SEP86'	'01:00:00'	0.00
'521	'	1	'01SEP86'	'01:00:00'	0.00
'523	'	1	'01SEP86'	'01:00:00'	5.00
'525	'	1	'01SEP86'	'01:00:00'	0.00
'527	'	1	'01SEP86'	'01:00:00'	7.00
'528	'	1	'01SEP86'	'01:00:00'	16.00
'529	'	1	'01SEP86'	'01:00:00'	0.00
'101	'	1	'01SEP86'	'02:00:00'	16.00
'102	'	1	'01SEP86'	'02:00:00'	0.00
'103	'	1	'01SEP86'	'02:00:00'	0.00
'104	'	1	'01SEP86'	'02:00:00'	0.00
'105	'	1	'01SEP86'	'02:00:00'	0.00
'106	'	1	'01SEP86'	'02:00:00'	0.00
'107	'	1	'01SEP86'	'02:00:00'	12.00
'108	'	1	'01SEP86'	'02:00:00'	0.00
'109	'	1	'01SEP86'	'02:00:00'	0.00
'111	'	1	'01SEP86'	'02:00:00'	0.00
'112	'	1	'01SEP86'	'02:00:00'	0.00
'113	'	1	'01SEP86'	'02:00:00'	0.00
'114	'	1	'01SEP86'	'02:00:00'	0.00

'118	'	1	'01SEP86'	'02:00:00'	0.00
'119	'	1	'01SEP86'	'02:00:00'	0.00
'120	'	1	'01SEP86'	'02:00:00'	0.00
'121	'	1	'01SEP86'	'02:00:00'	0.00
'122	'	1	'01SEP86'	'02:00:00'	0.00
'201	'	1	'01SEP86'	'02:00:00'	4.00
'202	'	1	'01SEP86'	'02:00:00'	0.00
'203	'	1	'01SEP86'	'02:00:00'	0.00
'204	'	1	'01SEP86'	'02:00:00'	0.00
'205	'	1	'01SEP86'	'02:00:00'	0.00
'207	'	1	'01SEP86'	'02:00:00'	0.00
'208	'	1	'01SEP86'	'02:00:00'	0.00
'209	'	1	'01SEP86'	'02:00:00'	0.00
'210	'	1	'01SEP86'	'02:00:00'	0.00
'211	'	1	'01SEP86'	'02:00:00'	0.00
'213	'	1	'01SEP86'	'02:00:00'	0.00
'214	'	1	'01SEP86'	'02:00:00'	4.00
'215	'	1	'01SEP86'	'02:00:00'	0.00
'216	'	1	'01SEP86'	'02:00:00'	0.00
'217	'	1	'01SEP86'	'02:00:00'	6.00
'218	'	1	'01SEP86'	'02:00:00'	0.00
'220	'	1	'01SEP86'	'02:00:00'	0.00
'221	'	1	'01SEP86'	'02:00:00'	0.00
'222	'	1	'01SEP86'	'02:00:00'	2.00
'224	'	1	'01SEP86'	'02:00:00'	6.00
'225	'	1	'01SEP86'	'02:00:00'	0.00
'226	'	1	'01SEP86'	'02:00:00'	0.00
'227	'	1	'01SEP86'	'02:00:00'	0.00
'228	'	1	'01SEP86'	'02:00:00'	0.00
'302	'	1	'01SEP86'	'02:00:00'	0.00
'303	'	1	'01SEP86'	'02:00:00'	0.00
'304	'	1	'01SEP86'	'02:00:00'	0.00
'305	'	1	'01SEP86'	'02:00:00'	0.00
'306	'	1	'01SEP86'	'02:00:00'	7.00
'307	'	1	'01SEP86'	'02:00:00'	0.00
'308	'	1	'01SEP86'	'02:00:00'	0.00
'309	'	1	'01SEP86'	'02:00:00'	0.00
'310	'	1	'01SEP86'	'02:00:00'	0.00
'311	'	1	'01SEP86'	'02:00:00'	0.00
'312	'	1	'01SEP86'	'02:00:00'	0.00
'314	'	1	'01SEP86'	'02:00:00'	0.00
'315	'	1	'01SEP86'	'02:00:00'	43.00
'316	'	1	'01SEP86'	'02:00:00'	41.00
'317	'	1	'01SEP86'	'02:00:00'	167.00
'318	'	1	'01SEP86'	'02:00:00'	16.00
'319	'	1	'01SEP86'	'02:00:00'	119.00

'320	'	1	'01SEP86'	'02:00:00'	0.00
'321	'	1	'01SEP86'	'02:00:00'	45.00
'323	'	1	'01SEP86'	'02:00:00'	0.00
'324	'	1	'01SEP86'	'02:00:00'	0.00
'325	'	1	'01SEP86'	'02:00:00'	0.00
'326	'	1	'01SEP86'	'02:00:00'	4.00
'327	'	1	'01SEP86'	'02:00:00'	33.00
'328	'	1	'01SEP86'	'02:00:00'	117.00
'330	'	1	'01SEP86'	'02:00:00'	76.00
'331	'	1	'01SEP86'	'02:00:00'	55.00
'332	'	1	'01SEP86'	'02:00:00'	51.00
'333	'	1	'01SEP86'	'02:00:00'	86.00
'334	'	1	'01SEP86'	'02:00:00'	0.00
'335	'	1	'01SEP86'	'02:00:00'	0.00
'336	'	1	'01SEP86'	'02:00:00'	83.00
'337	'	1	'01SEP86'	'02:00:00'	6.00
'338	'	1	'01SEP86'	'02:00:00'	12.00
'340	'	1	'01SEP86'	'02:00:00'	3.00
'341	'	1	'01SEP86'	'02:00:00'	14.00
'342	'	1	'01SEP86'	'02:00:00'	13.00
'343	'	1	'01SEP86'	'02:00:00'	2.00
'401	'	1	'01SEP86'	'02:00:00'	5.00
'402	'	1	'01SEP86'	'02:00:00'	11.00
'403	'	1	'01SEP86'	'02:00:00'	9.00
'404	'	1	'01SEP86'	'02:00:00'	2.00
'405	'	1	'01SEP86'	'02:00:00'	12.00
'406	'	1	'01SEP86'	'02:00:00'	5.00
'407	'	1	'01SEP86'	'02:00:00'	6.00
'409	'	1	'01SEP86'	'02:00:00'	0.00
'410	'	1	'01SEP86'	'02:00:00'	24.00
'412	'	1	'01SEP86'	'02:00:00'	0.00
'413	'	1	'01SEP86'	'02:00:00'	58.00
'414	'	1	'01SEP86'	'02:00:00'	68.00
'415	'	1	'01SEP86'	'02:00:00'	25.00
'416	'	1	'01SEP86'	'02:00:00'	147.00
'417	'	1	'01SEP86'	'02:00:00'	108.00
'418	'	1	'01SEP86'	'02:00:00'	114.00
'419	'	1	'01SEP86'	'02:00:00'	115.00
'420	'	1	'01SEP86'	'02:00:00'	29.00
'421	'	1	'01SEP86'	'02:00:00'	71.00
'422	'	1	'01SEP86'	'02:00:00'	13.00
'423	'	1	'01SEP86'	'02:00:00'	8.00
'424	'	1	'01SEP86'	'02:00:00'	18.00
'425	'	1	'01SEP86'	'02:00:00'	18.00
'426	'	1	'01SEP86'	'02:00:00'	9.00
'428	'	1	'01SEP86'	'02:00:00'	0.00

'501	'	1	'01SEP86'	'02:00:00'	7.00
'502	'	1	'01SEP86'	'02:00:00'	0.00
'503	'	1	'01SEP86'	'02:00:00'	10.00
'505	'	1	'01SEP86'	'02:00:00'	0.00
'506	'	1	'01SEP86'	'02:00:00'	10.00
'507	'	1	'01SEP86'	'02:00:00'	2.00
'508	'	1	'01SEP86'	'02:00:00'	15.00
'509	'	1	'01SEP86'	'02:00:00'	0.00
'510	'	1	'01SEP86'	'02:00:00'	0.00
'513	'	1	'01SEP86'	'02:00:00'	0.00
'514	'	1	'01SEP86'	'02:00:00'	0.00
'515	'	1	'01SEP86'	'02:00:00'	0.00
'516	'	1	'01SEP86'	'02:00:00'	0.00
'518	'	1	'01SEP86'	'02:00:00'	0.00
'519	'	1	'01SEP86'	'02:00:00'	3.00
'520	'	1	'01SEP86'	'02:00:00'	0.00
'521	'	1	'01SEP86'	'02:00:00'	0.00
'523	'	1	'01SEP86'	'02:00:00'	5.00
'525	'	1	'01SEP86'	'02:00:00'	0.00
'527	'	1	'01SEP86'	'02:00:00'	9.00
'528	'	1	'01SEP86'	'02:00:00'	3.00
'529	'	1	'01SEP86'	'02:00:00'	0.00